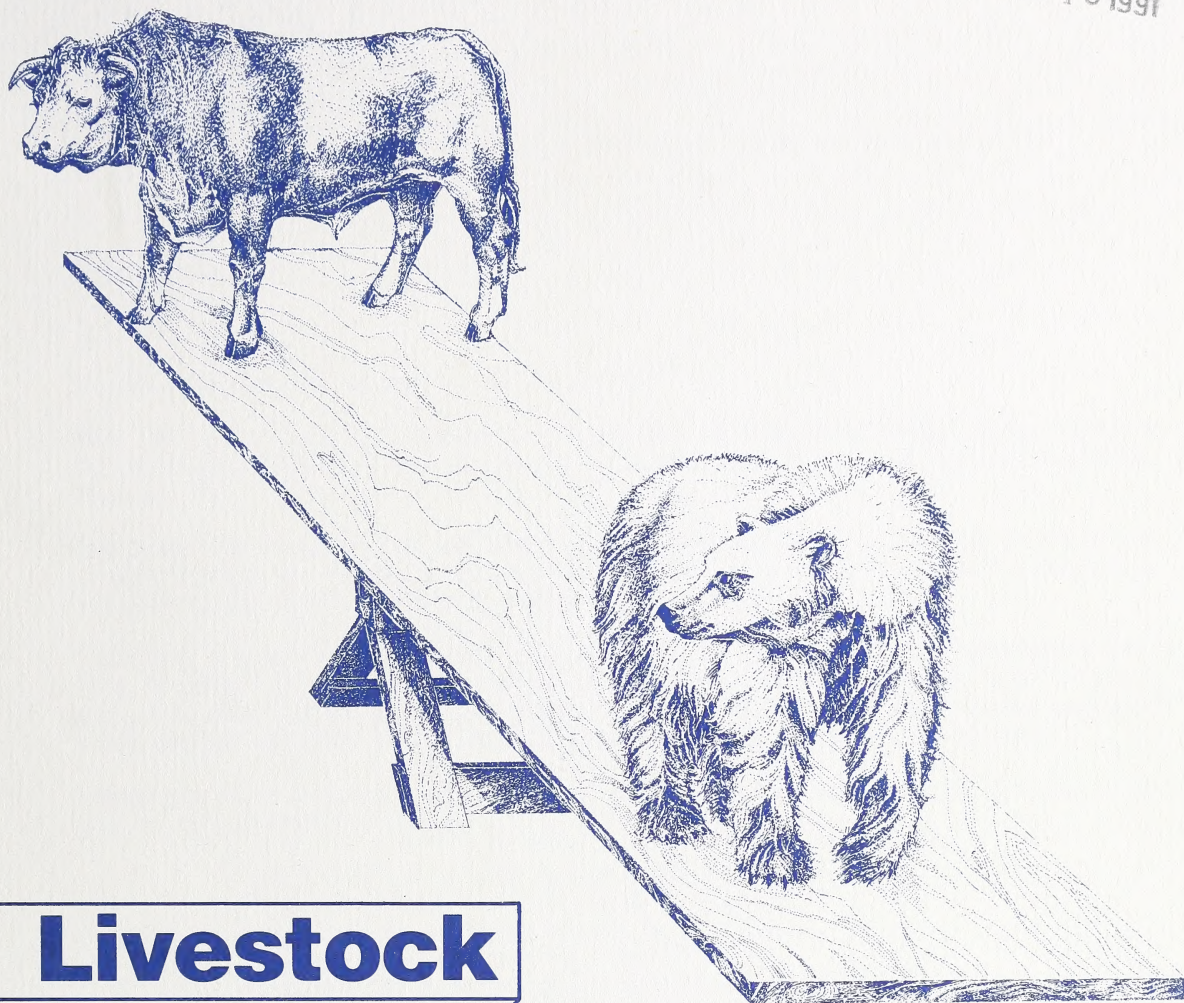


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Livestock and Grain Market Charts

August, 1991



AGRICULTURE
Market Analysis Branch
Economic Services Division

J.G. O'Donoghue Building, #302, 7000 - 113 Street, Edmonton, Alberta, Canada T6H 5T6 403/427-5387 Fax 403/427-5220

October, 1991

Dear Monthly and Marketing Manual Subscribers:

This 1991 chart book is provided to you as part of your subscription to the Monthly Commentary and Outlook or if you purchased Alberta Agriculture's, Agricultural Marketing Manual.

Our purpose in preparing this publication is to provide you with a medium term perspective of market prices and volume trends, together with some seasonal trends, basis relationships and other charts we felt would be of benefit to you.

Content of this publication has remained similar to previous years to keep consistency over time. In acknowledgement of the amount of work and effort put into ensuring the accuracy and preparation of these graphs and charts, we would ask that if you replicate the graphs or charts that you reference Market Analysis Branch, Alberta Agriculture, as the source.

Should you have comments, suggestions or require clarification of this publication or its contents please contact:

Charlie Pearson, Grains Market Analyst, 427-5386
Ron Gietz, Livestock Market Analyst, 427-5376
Jo Ann Cmoluch, Market Economist, 427-5387
Al Dooley, Special Crops Analyst, 427-5387
Marilyn Johnson, Research and Extension Economist, 427-5387
Linda Chase Wilde, Market Research Economist, 427-5387
Chuck Sterling, Branch Head, 427-5387

And for further market information contact:

Doug Cornell, Regional Marketing Specialist, Airdrie, 948-8536
Doug Walkey, Regional Marketing Specialist, Red Deer, 340-7612
Lee Melvill, Regional Marketing Specialist, Fairview, 835-2291

Sincerely,

Market Analysis Branch Staff

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Notes on Basis Charts:

- The purpose of these charts is to compare basis in the current year with basis in the previous 5 years.
- 5-year high indicates highest basis in that week in the 1986-90 period.
- 5-year low indicates the lowest basis in that week in the 1986-90 period.
- 5-year average is the 1986-90 average basis for that week.

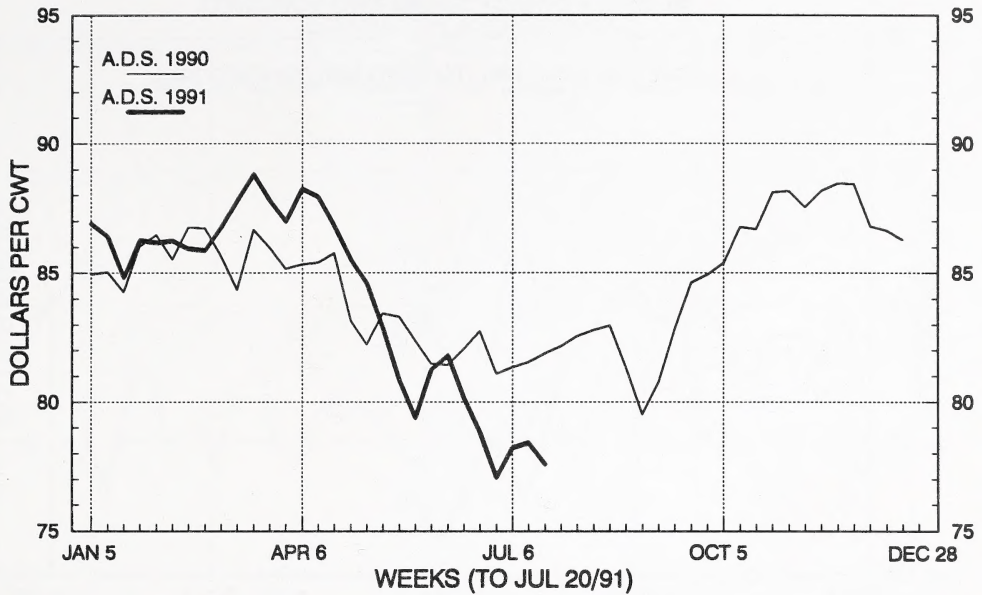
Notes on Seasonality Charts:

- Seasonality charts use a statistical technique to compare observations in one particular period to observations over a much larger time period.
- The charts highlight seasonal patterns in prices and volumes.

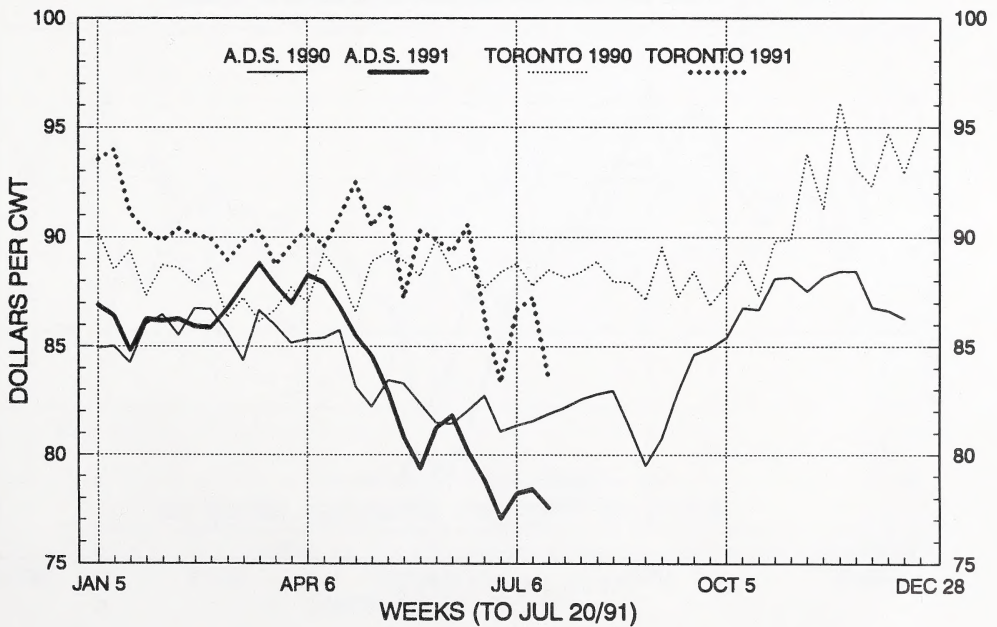


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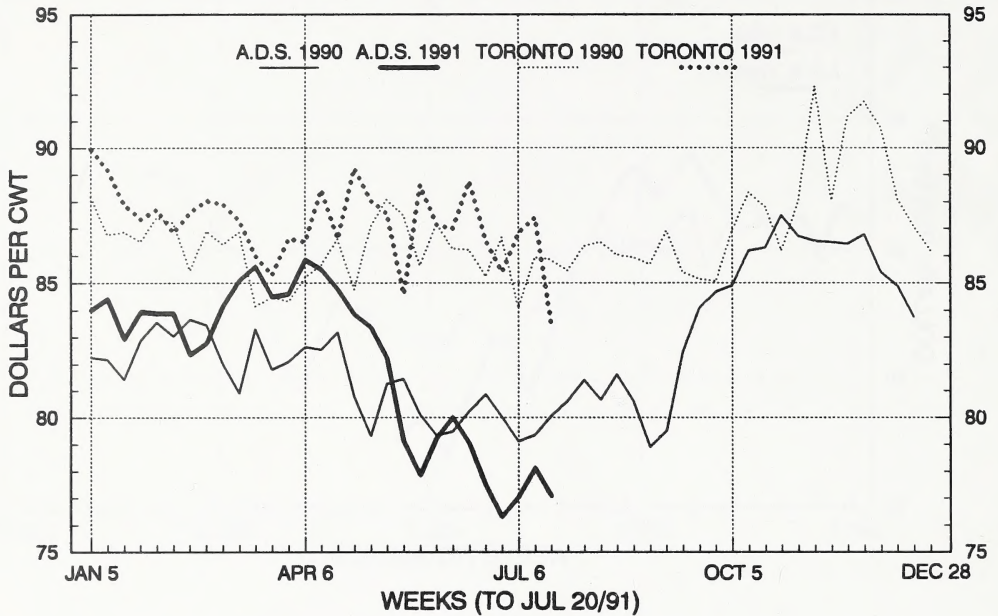
ALBERTA DIRECT SALES STEER PRICE



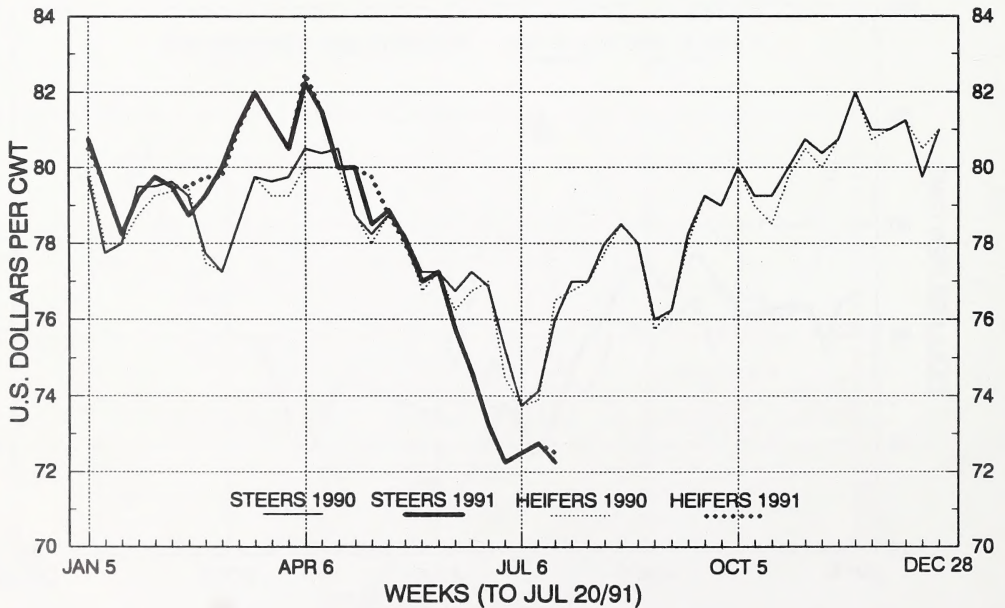
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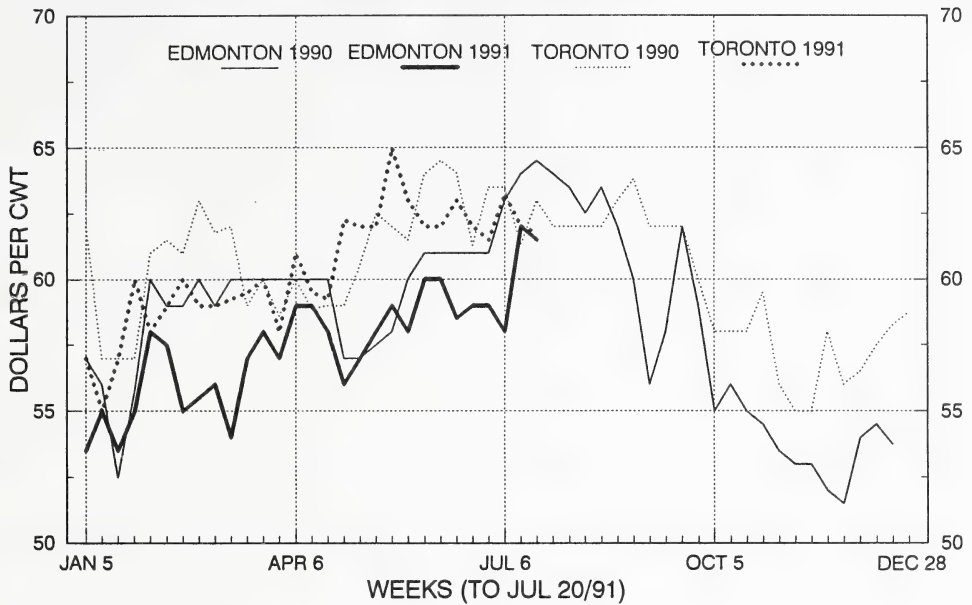
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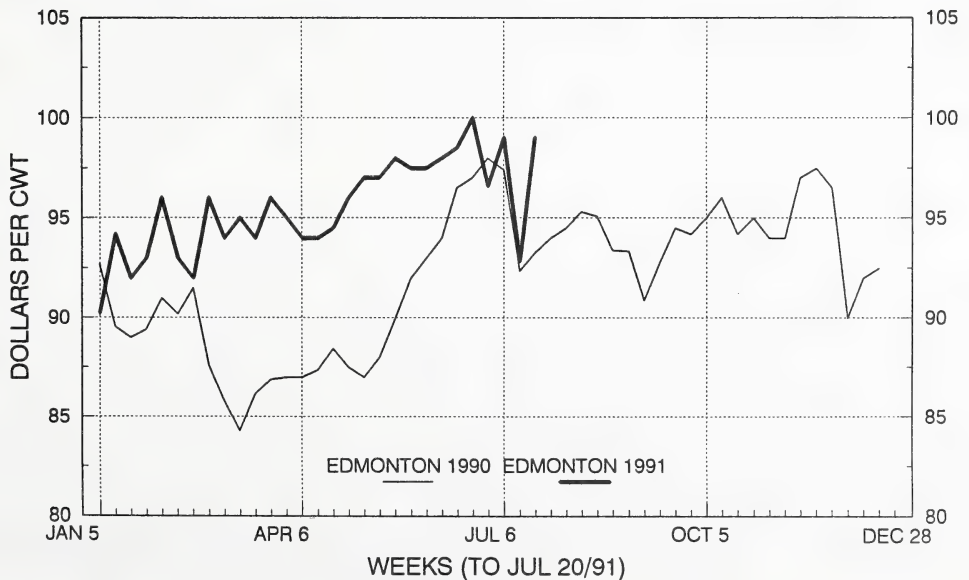
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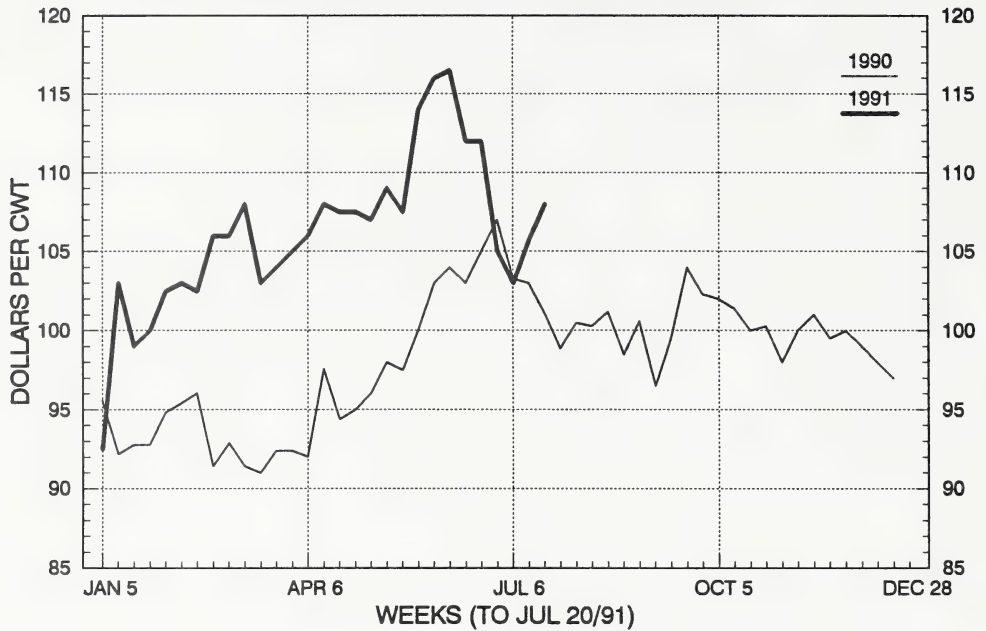
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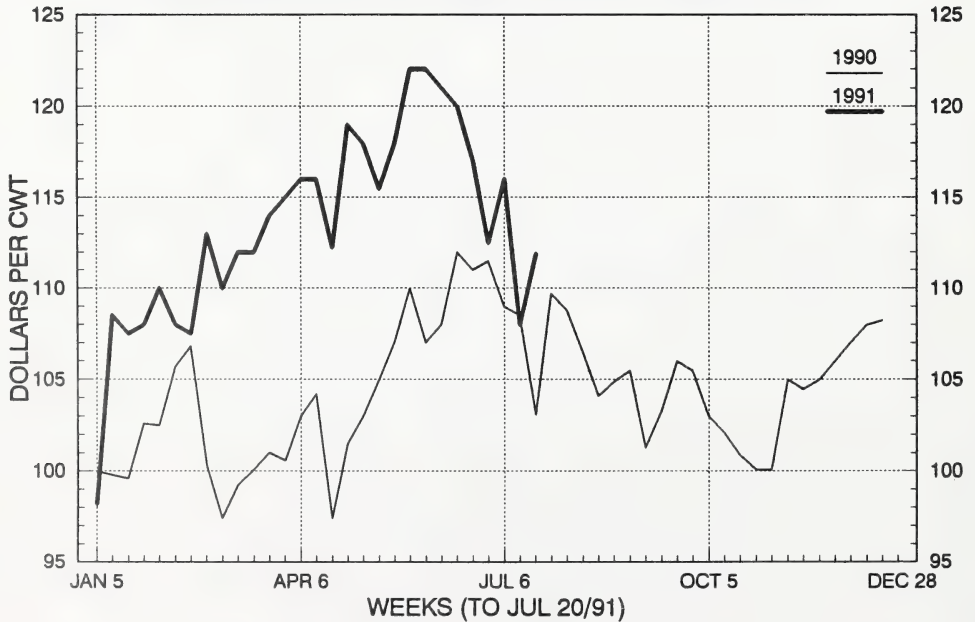
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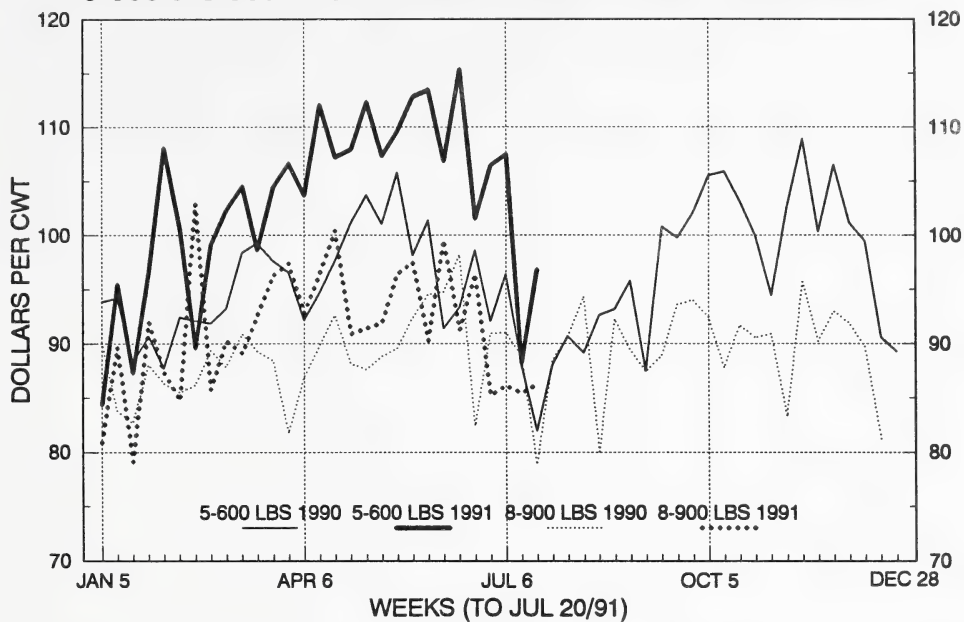
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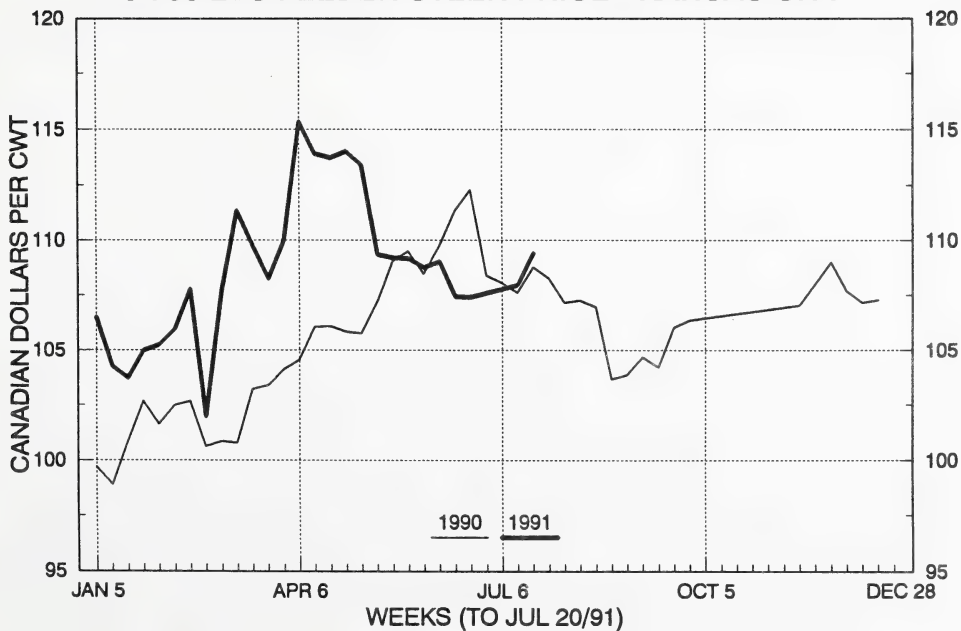
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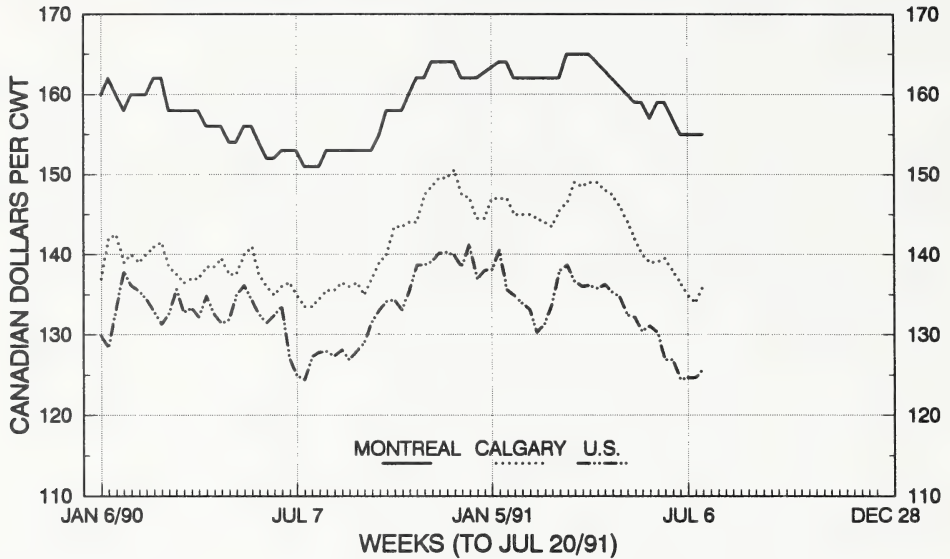
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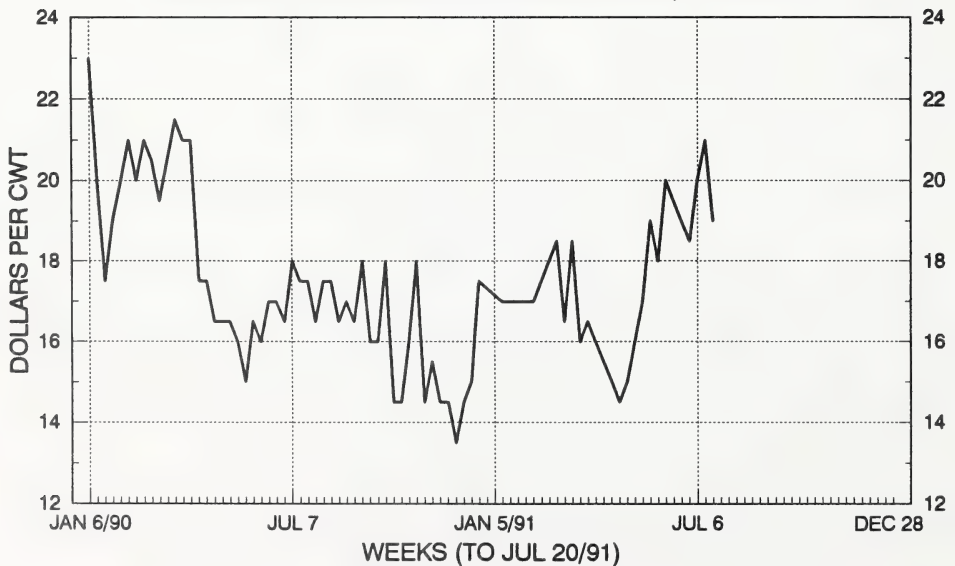
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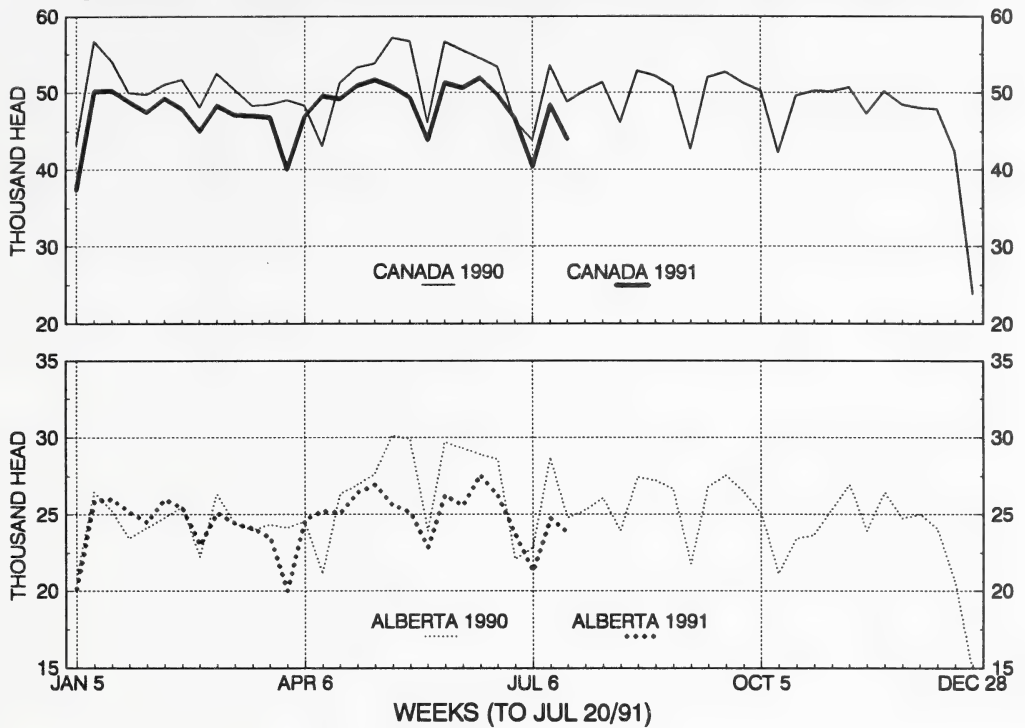
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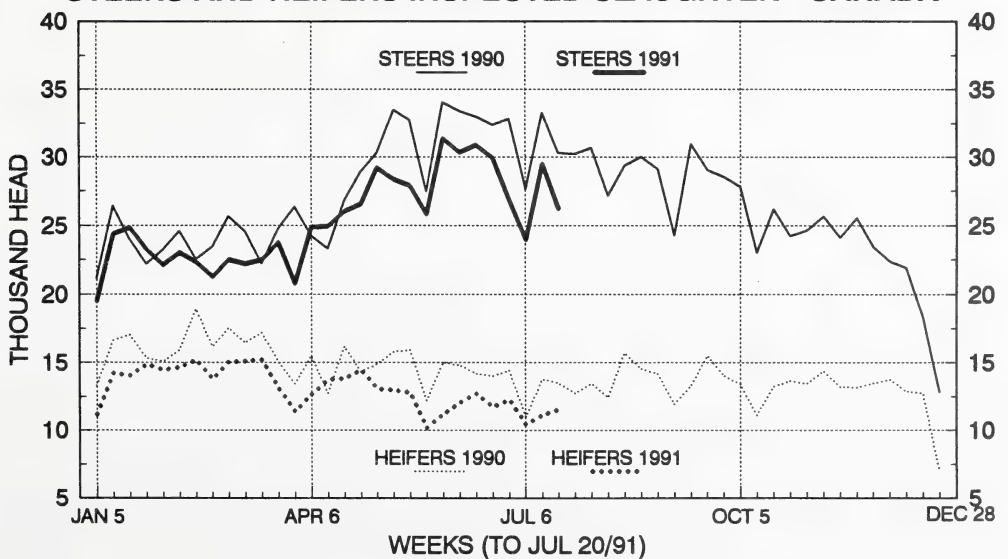
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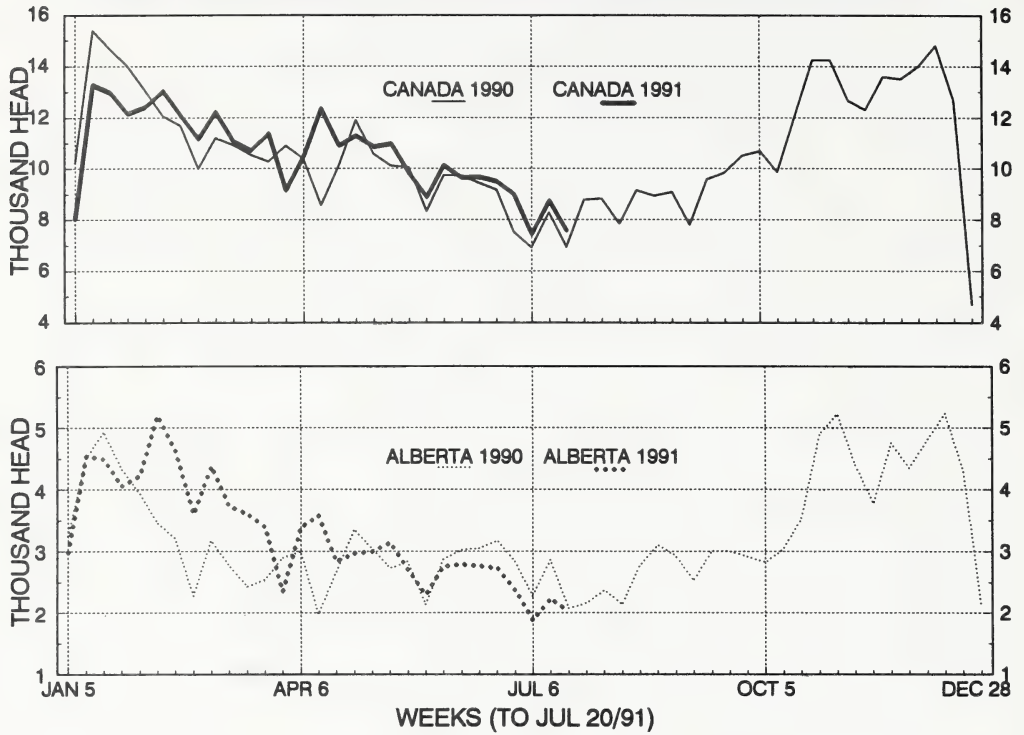
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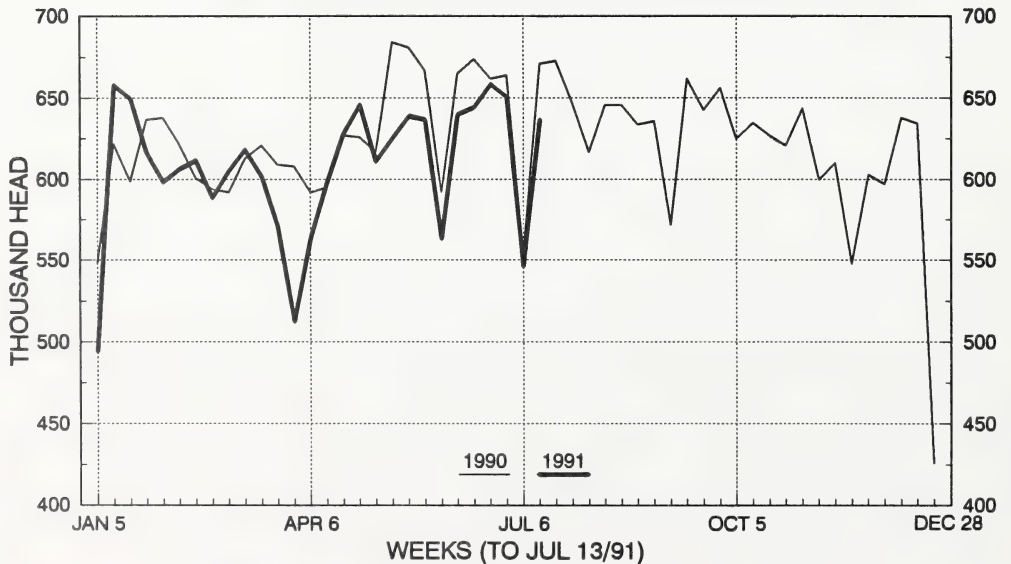
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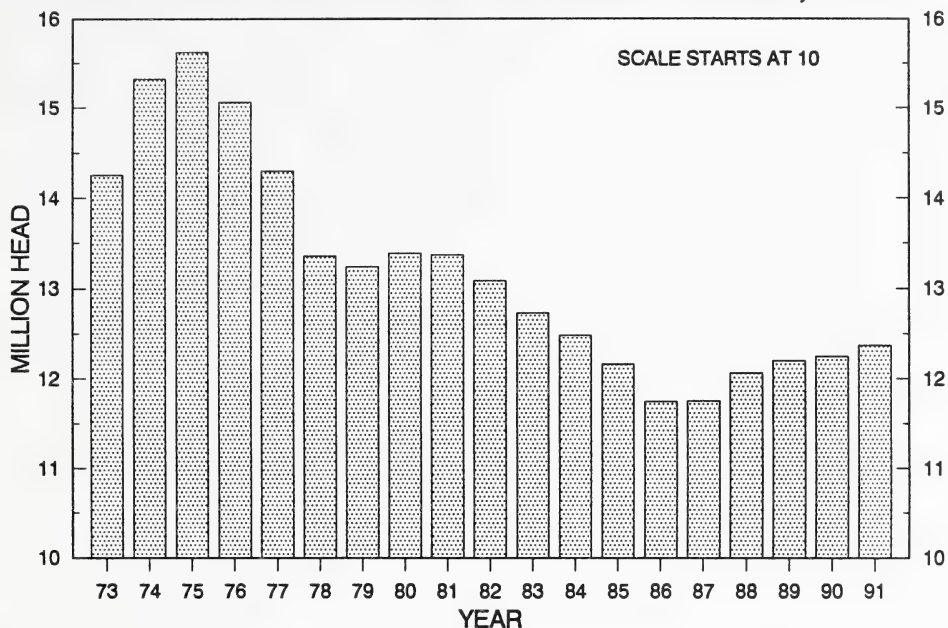
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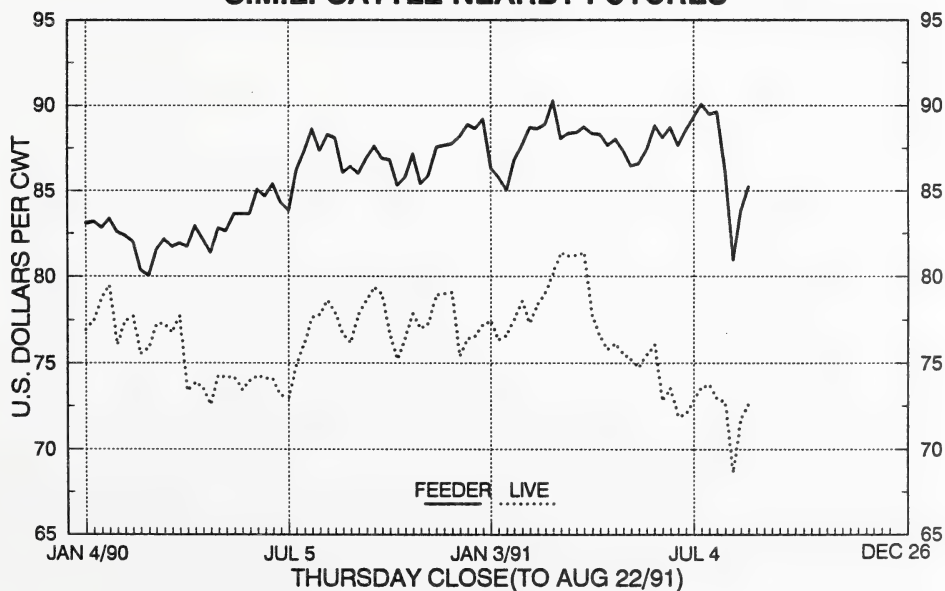
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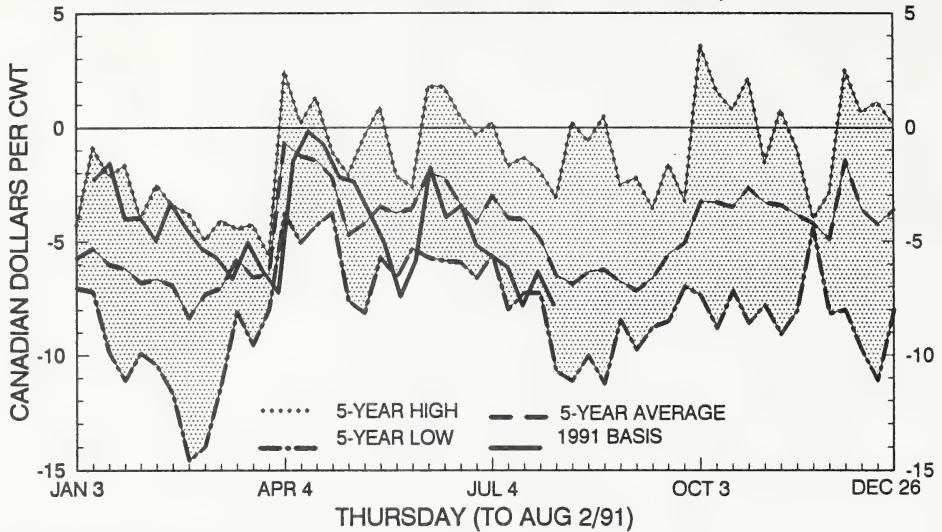
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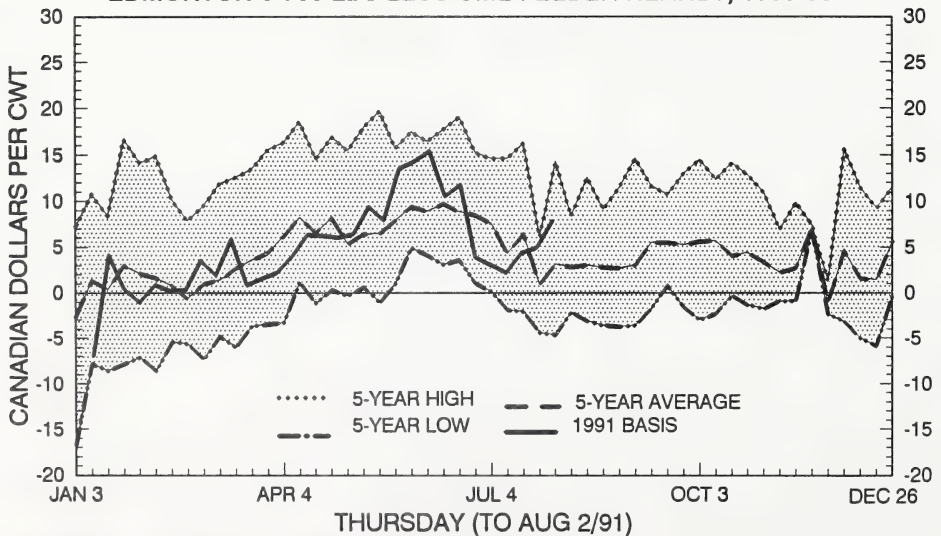


LIVE CATTLE HIGH-LOW-AVERAGE BASIS **ALBERTA DIRECT SALES LESS CME LIVE NEARBY, 1986-90**



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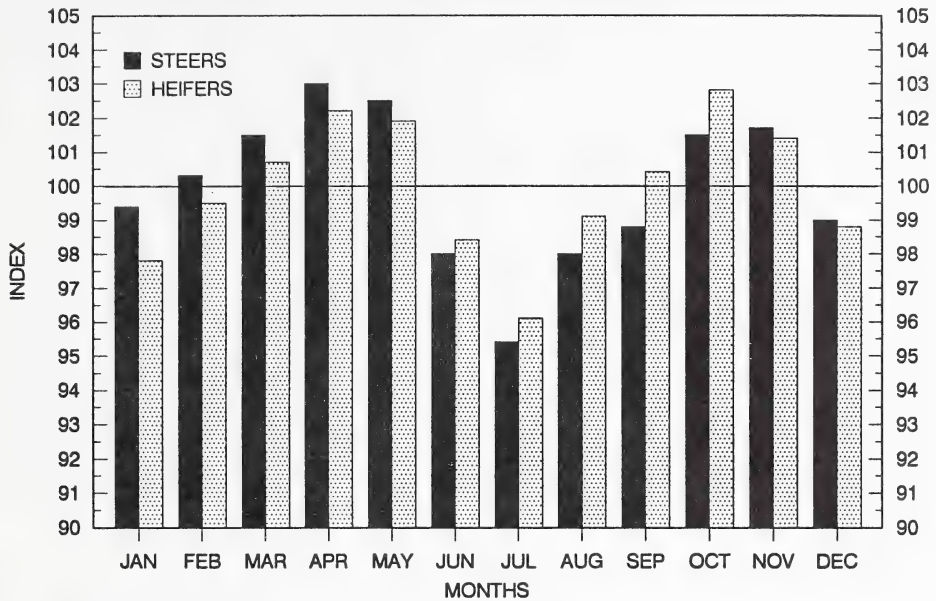
FEEDER CATTLE HIGH-LOW-AVERAGE BASIS **EDMONTON 6-700 LBS LESS CME FEEDER NEARBY, 1986-90**



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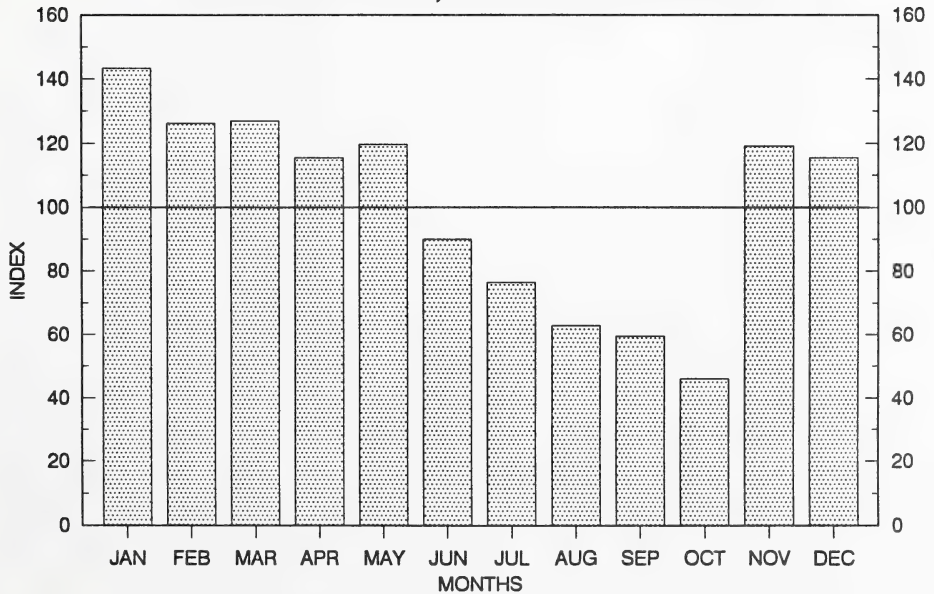
SEASONALITY OF A1,2 STEER/HEIFER PRICES

ALBERTA DIRECT SALES, 1986-90 5-YEAR AVERAGES



SEASONALITY OF A.D.S. PRICE DIFFERENTIAL

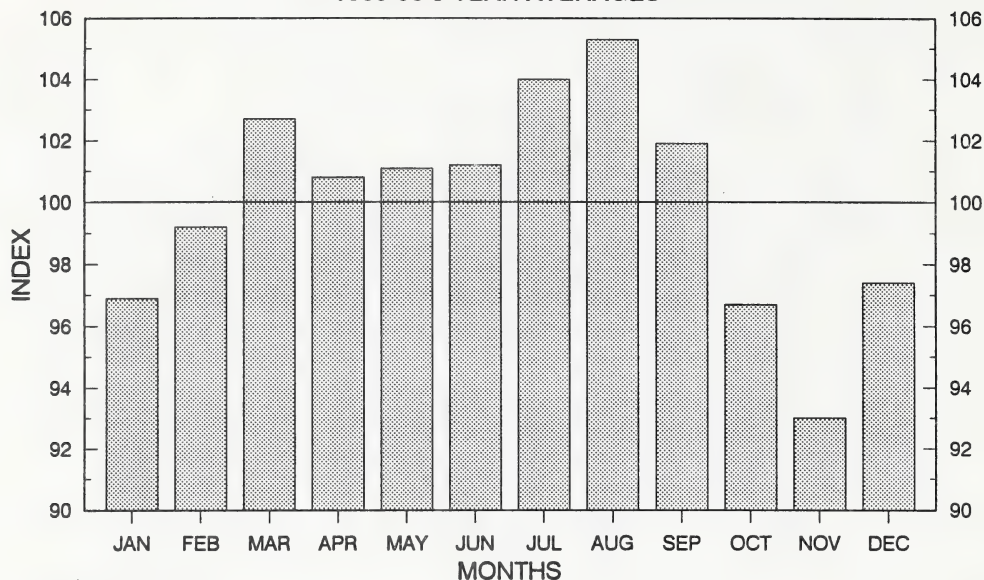
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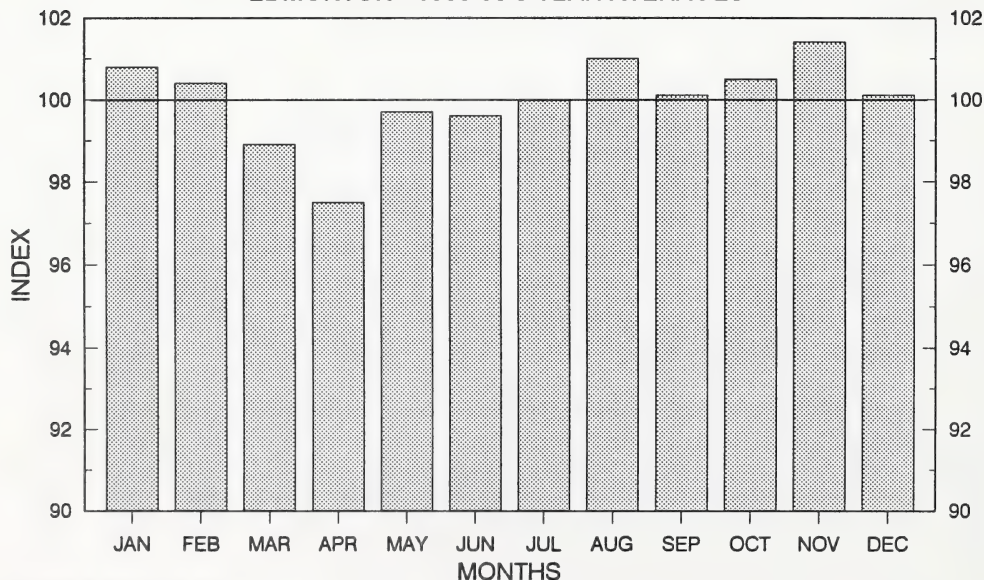
1986-90 5-YEAR AVERAGES



SCALE STARTS AT 90

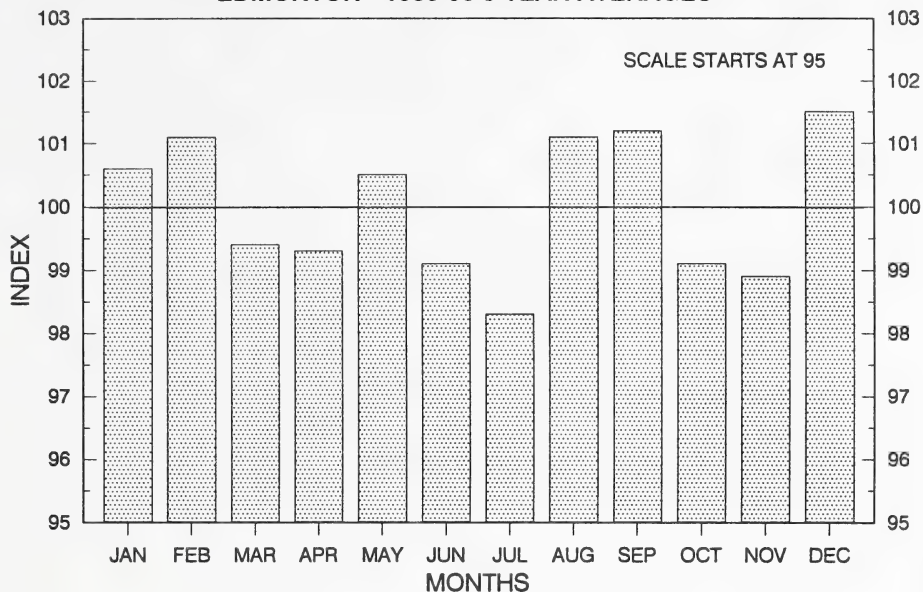
SEASONALITY OF 8-900 LBS FEEDER STEER PRICE

EDMONTON - 1986-90 5-YEAR AVERAGES

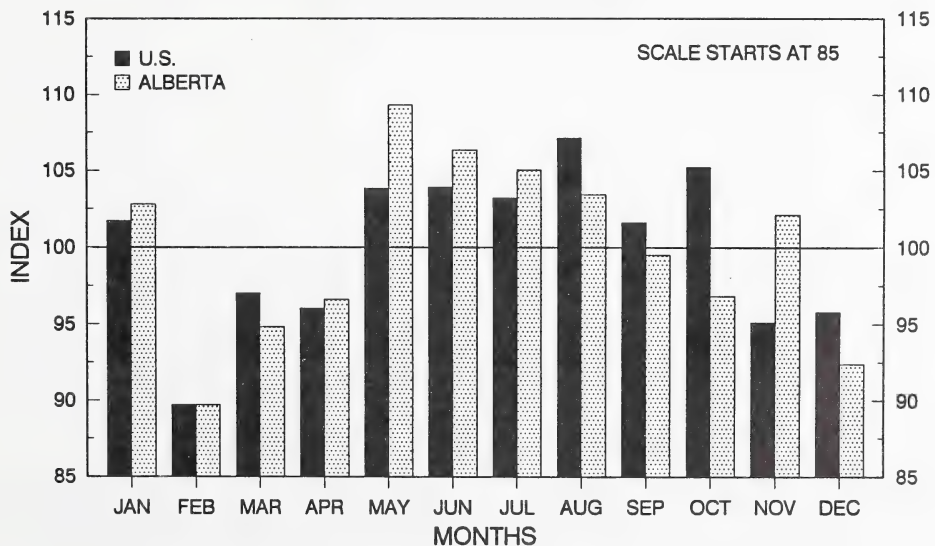


SCALE STARTS AT 90

SEASONALITY OF 5-600 LBS FEEDER STEER PRICE **EDMONTON - 1986-90 5-YEAR AVERAGES**

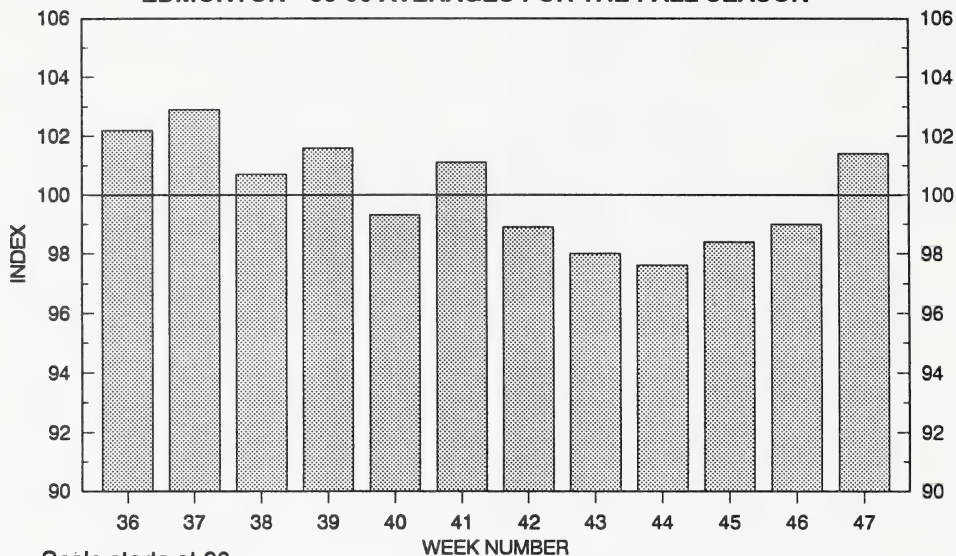


SEASONALITY OF F.I. CATTLE SLAUGHTER **1986-90 5-YEAR AVERAGES**



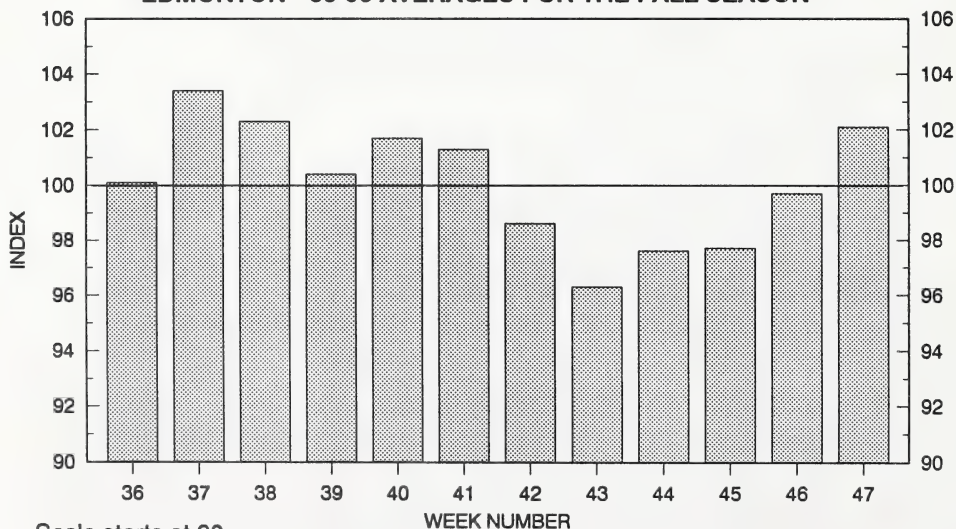
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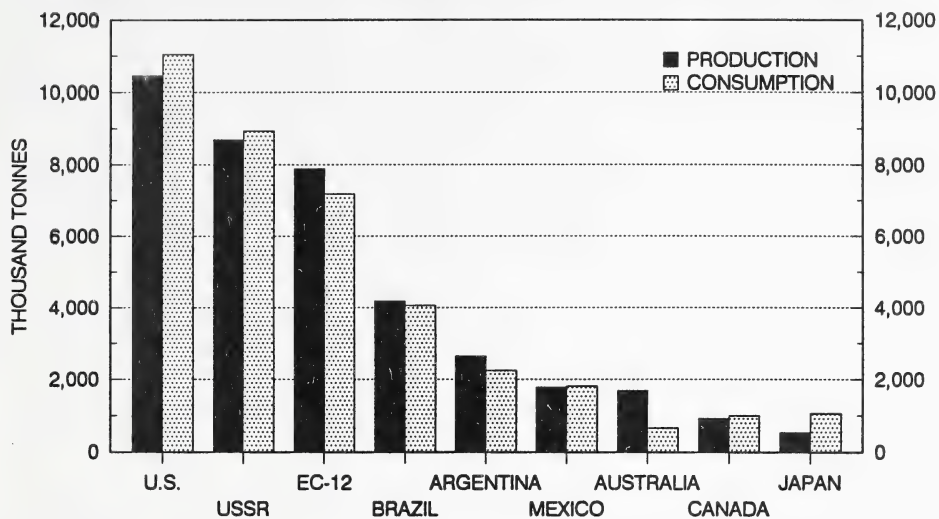
SEASONALITY OF 5-600 LBS FEEDER STEER CALF PRICE

EDMONTON - 86-90 AVERAGES FOR THE FALL SEASON*

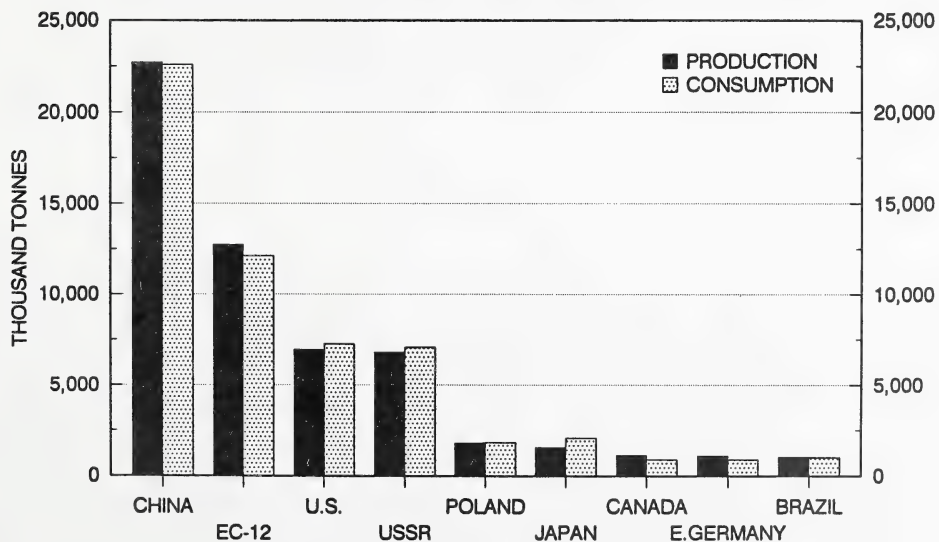


* FROM THE 2ND WEEK OF SEPT TO THE 2ND LAST WEEK OF NOVEMBER

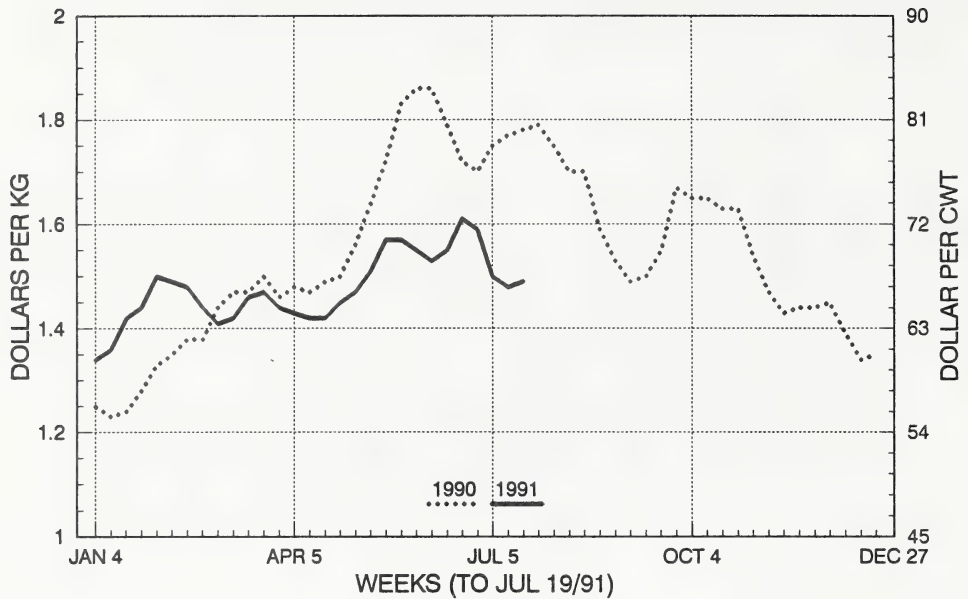
WORLD BEEF AND VEAL PRODUCTION AND CONSUMPTION - 1990*



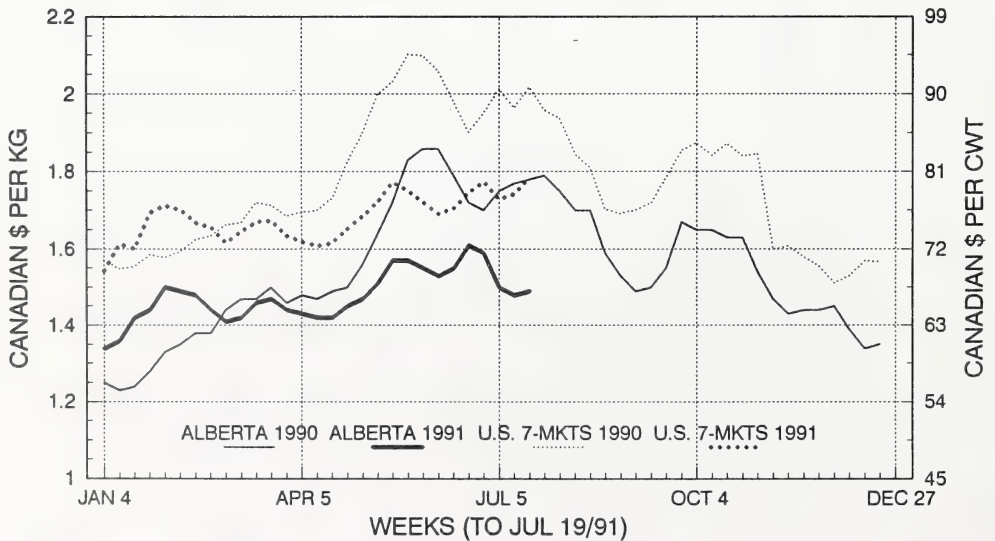
WORLD PORK PRODUCTION AND CONSUMPTION - 1990*



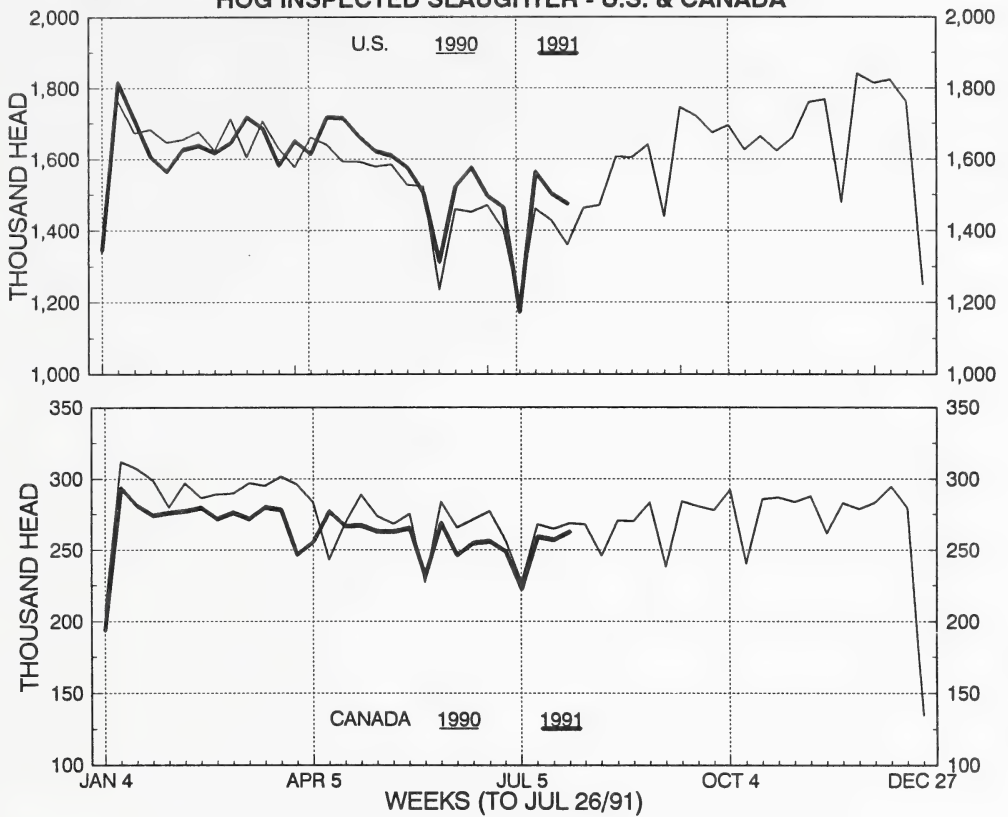
INDEX-100 HOG PRICE - ALBERTA



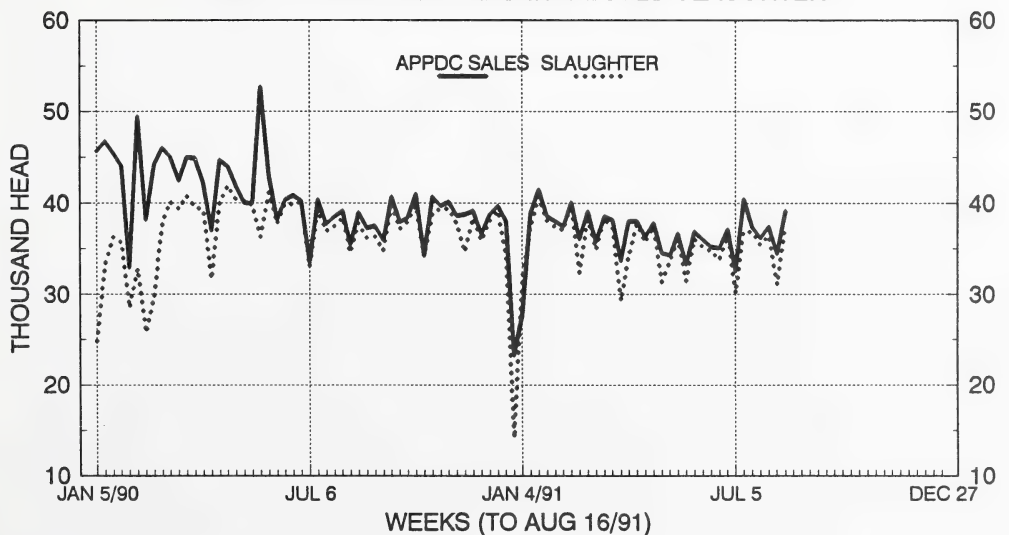
INDEX-100 EQUIVALENT HOG PRICES ALBERTA AND U.S. 7 MARKETS



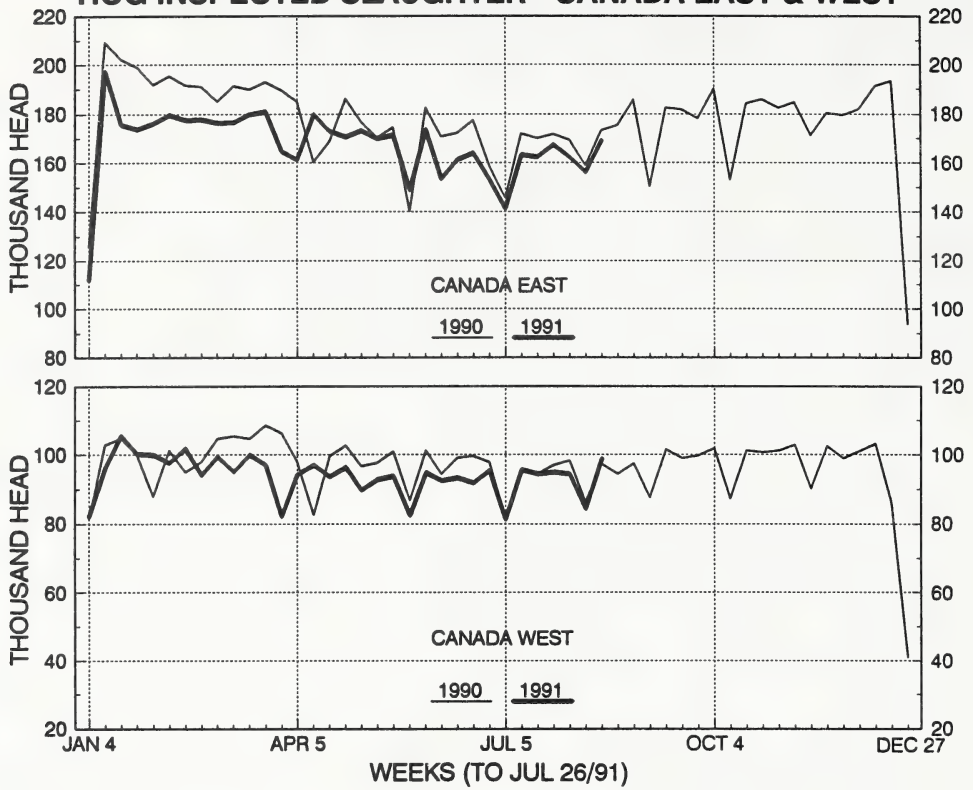
HOG INSPECTED SLAUGHTER - U.S. & CANADA



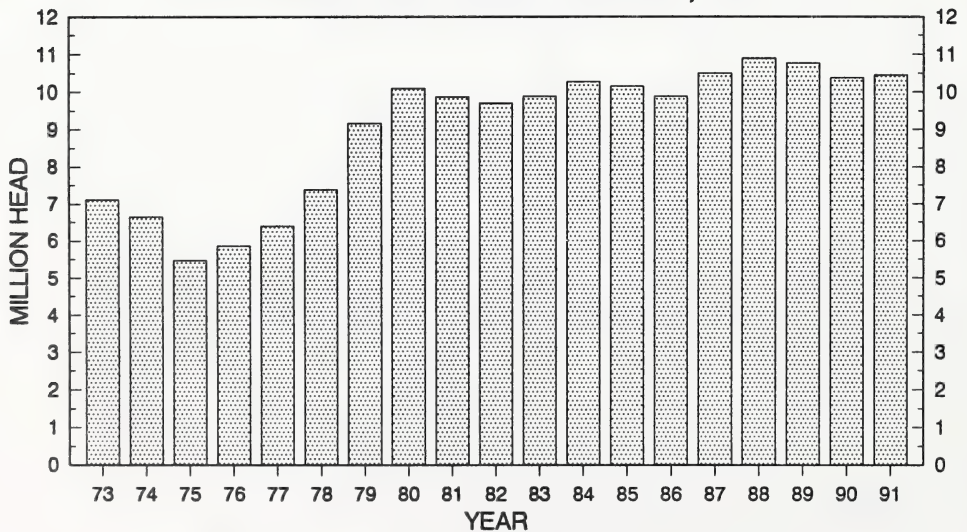
ALBERTA HOGS SALES AND INSPECTED SLAUGHTER



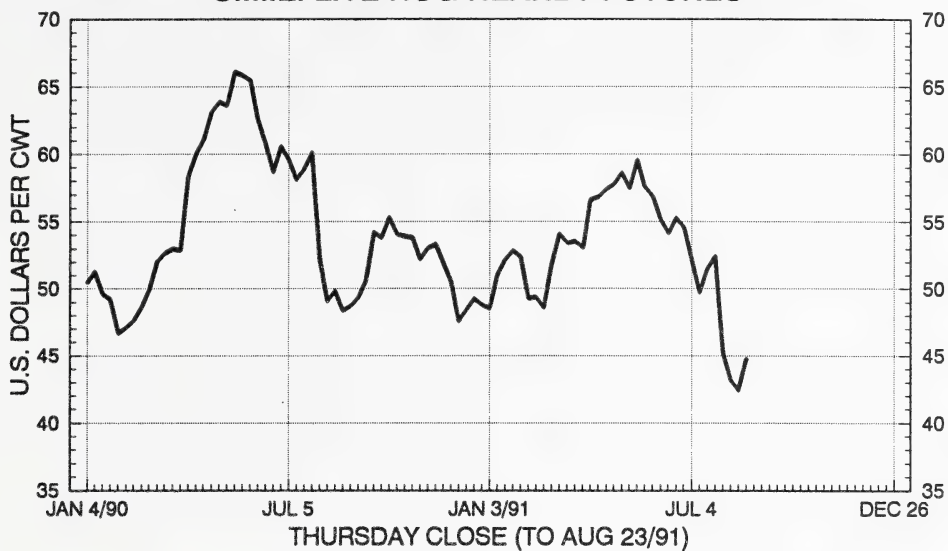
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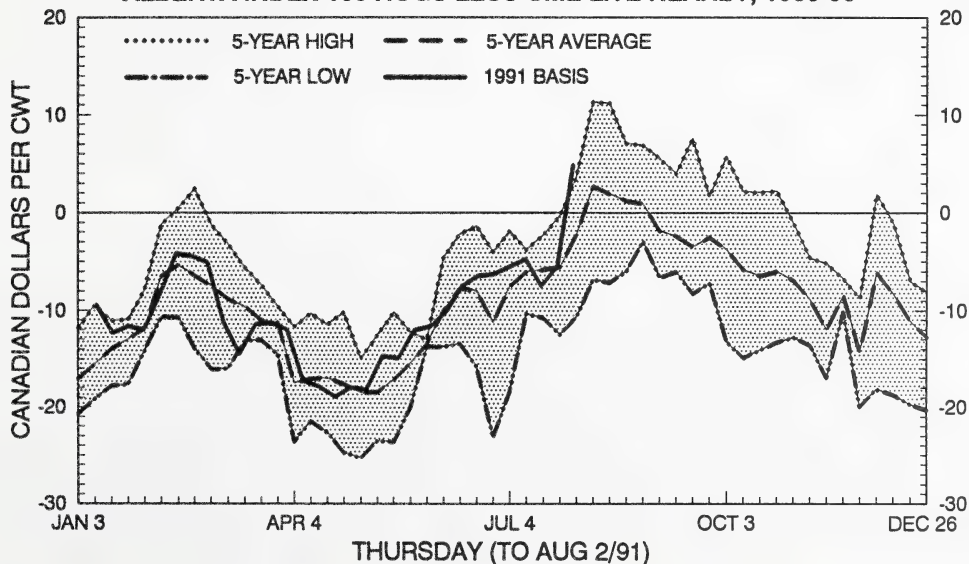
TOTAL HOGS ON FARMS - CANADA, JULY 1



C.M.E. LIVE HOG NEARBY FUTURES

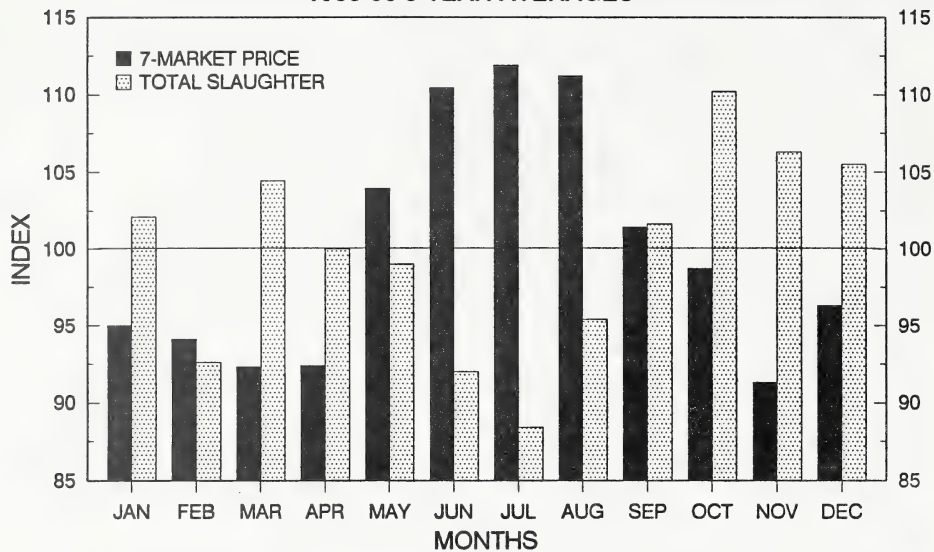


CME LIVE HOGS HIGH-LOW-AVERAGE BASIS ALBERTA INDEX-100 HOGS LESS CME LIVE NEARBY, 1986-90



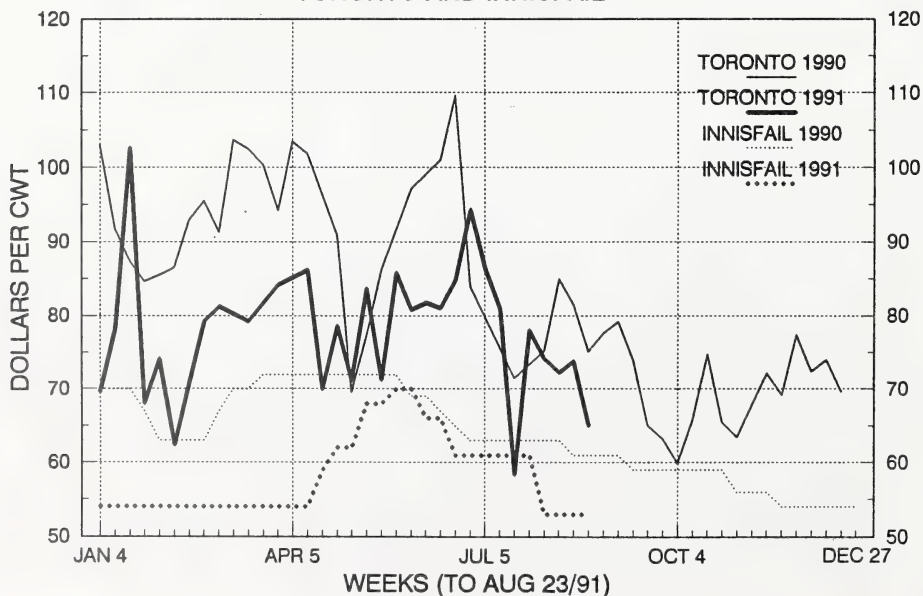
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SEASONALITY OF U.S. HOG PRICE AND SLAUGHTER 1986-90 5-YEAR AVERAGES

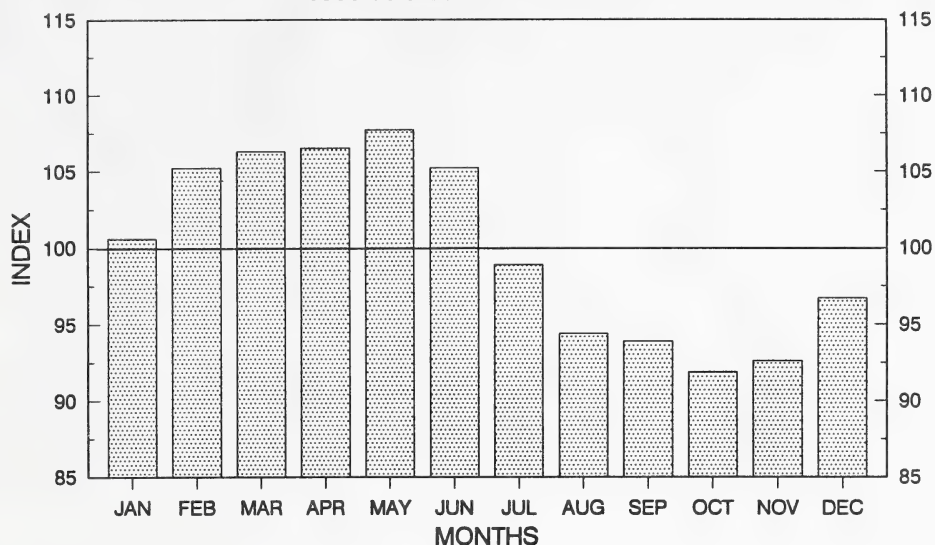


SCALE STARTS AT 85

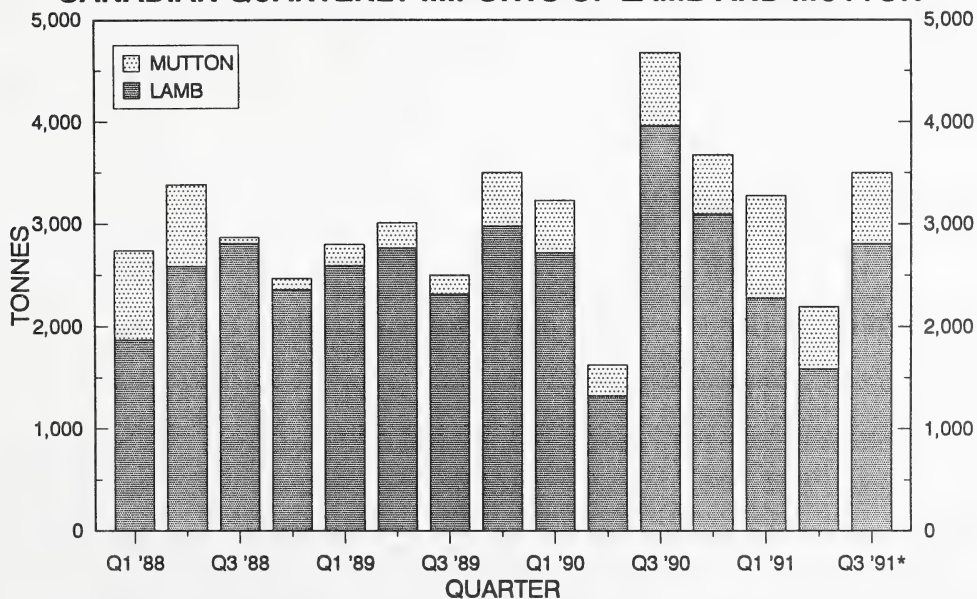
SLAUGHTER LAMB (95-110 LBS) PRICES TORONTO AND INNISFAIL



SEASONALITY OF INNISFAIL (SHRUNK) BID PRICE 1986-90 5-YEAR AVERAGES

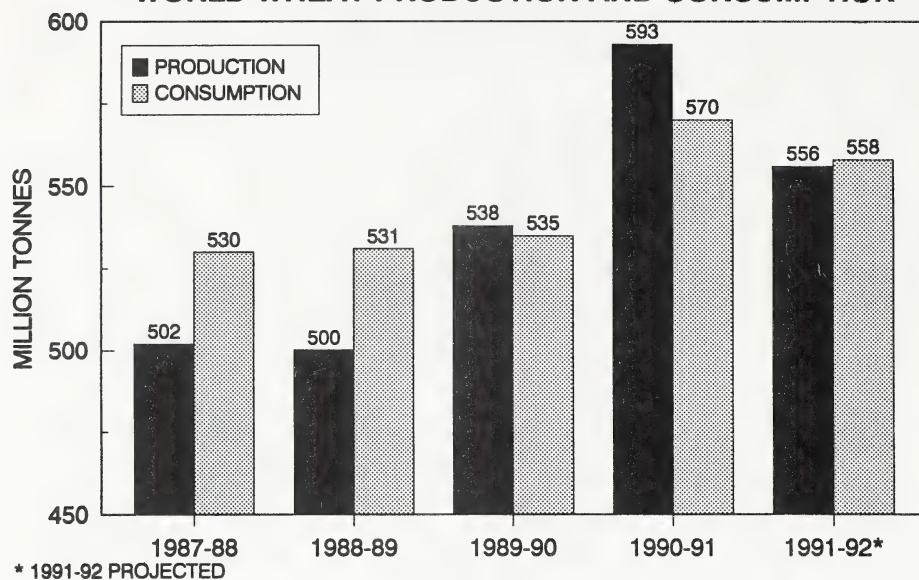


CANADIAN QUARTERLY IMPORTS OF LAMB AND MUTTON

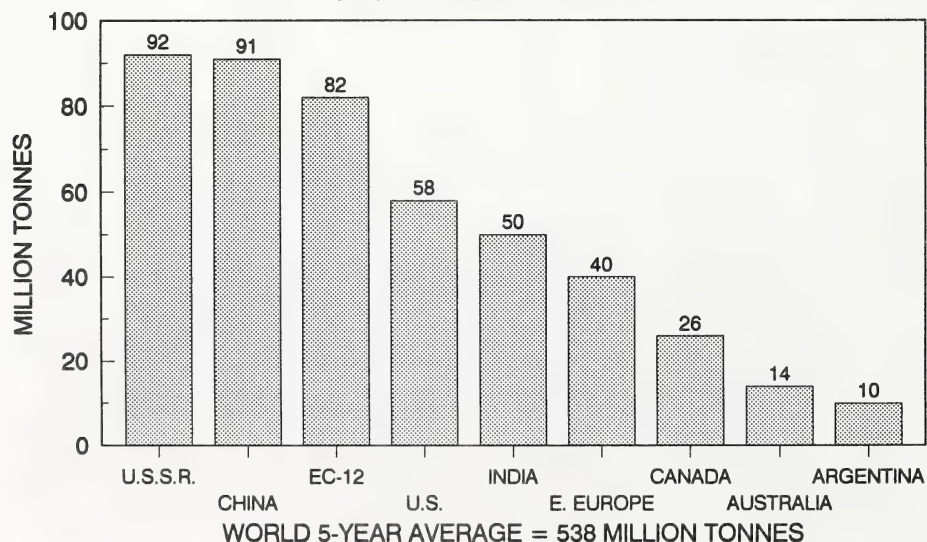


* 3RD QUARTER '91 ESTIMATED

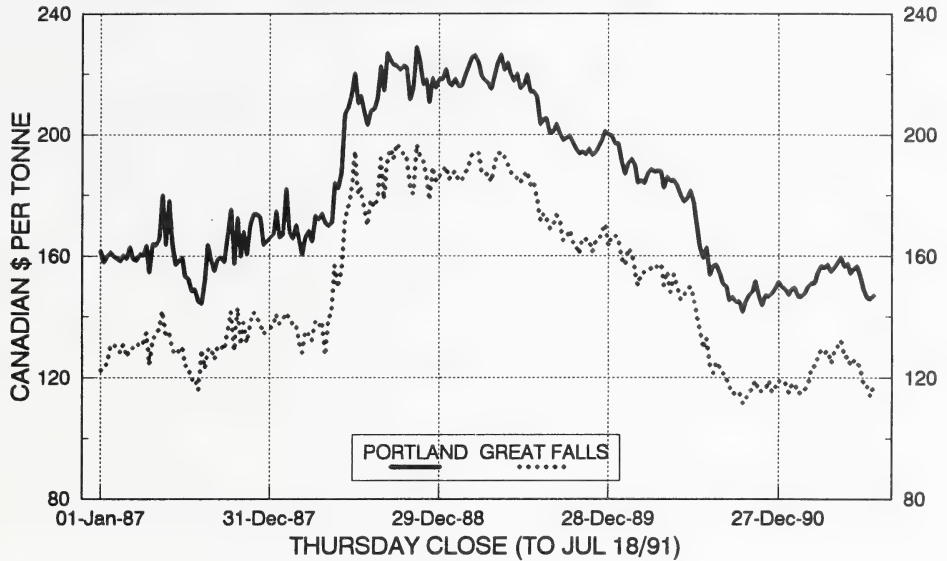
WORLD WHEAT PRODUCTION AND CONSUMPTION



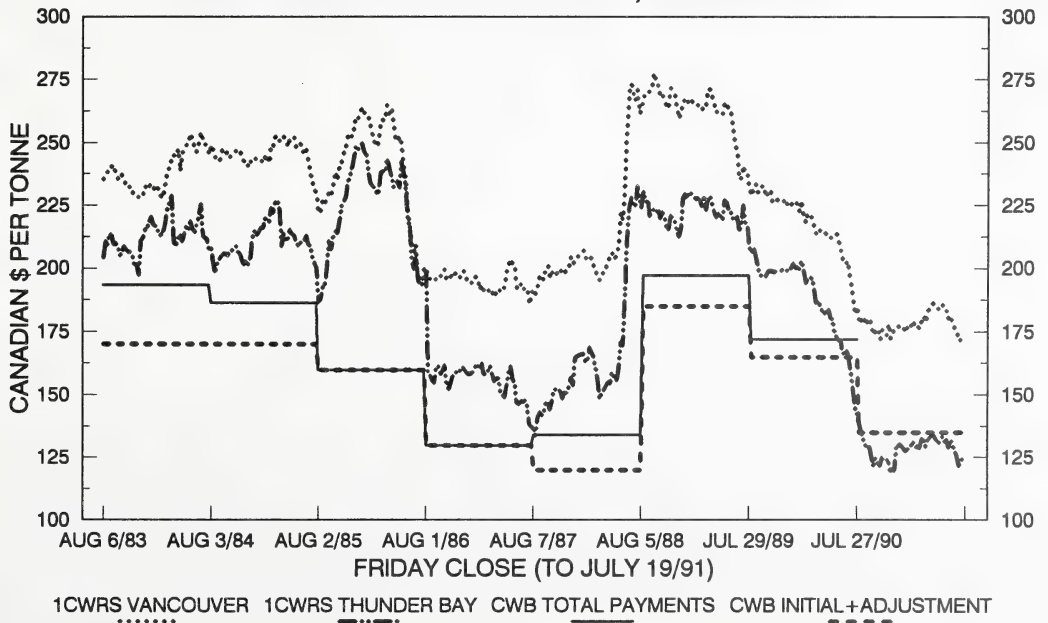
WORLD WHEAT PRODUCTION BY COUNTRY 1987-91 5-YEAR AVERAGES



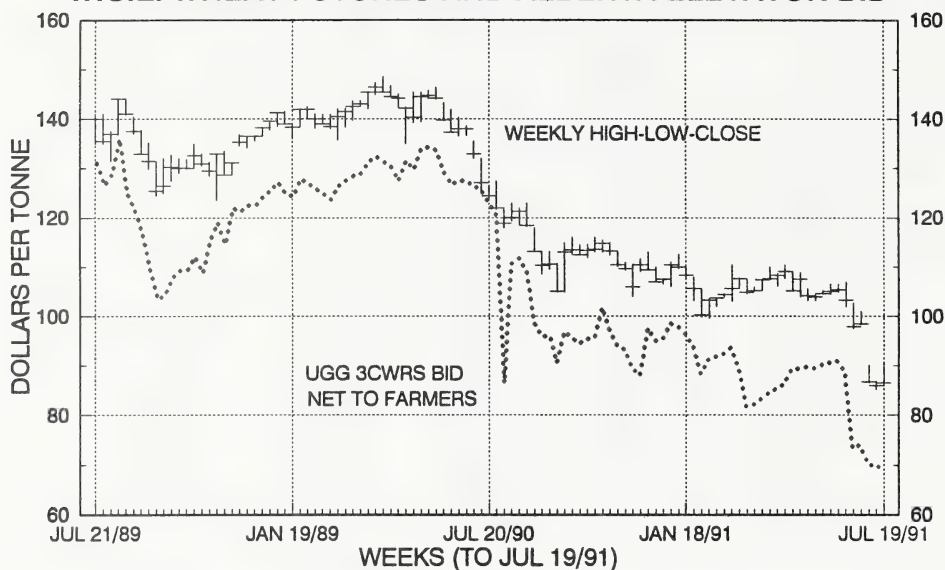
NO.1 DNS (13.5%) WHEAT PRICES PORTLAND AND GREAT FALLS



C.W.B ASKING PRICES AND POOL PAYMENTS NO.1 CWRS WHEAT - VANCOUVER, THUNDER BAY

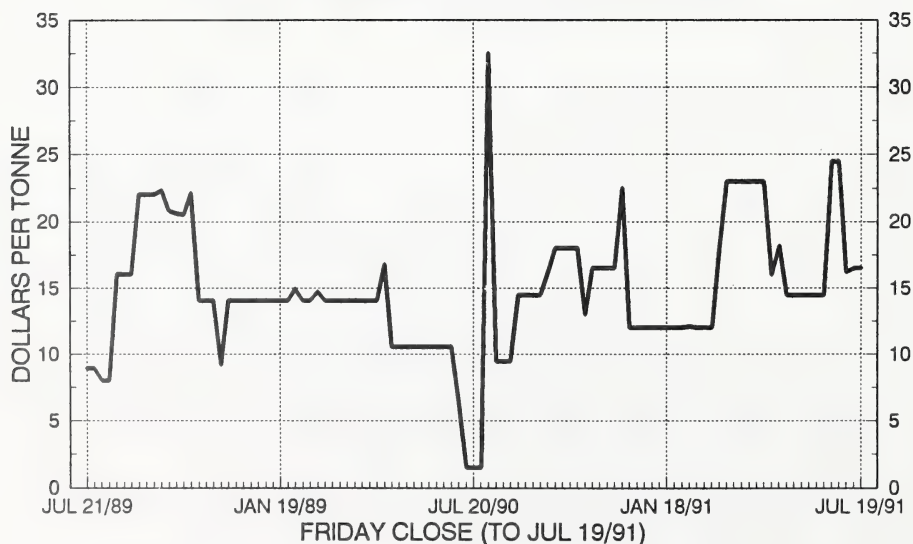


W.C.E. WHEAT FUTURES AND ALBERTA ELEVATOR BID



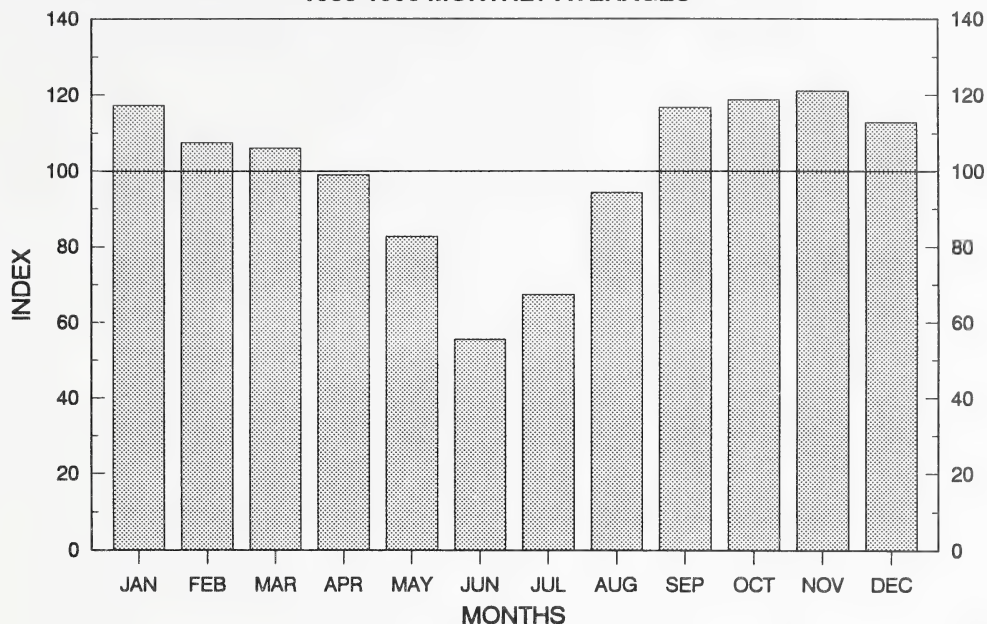
NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

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SEASONALITY OF WHEAT BASIS LEVELS

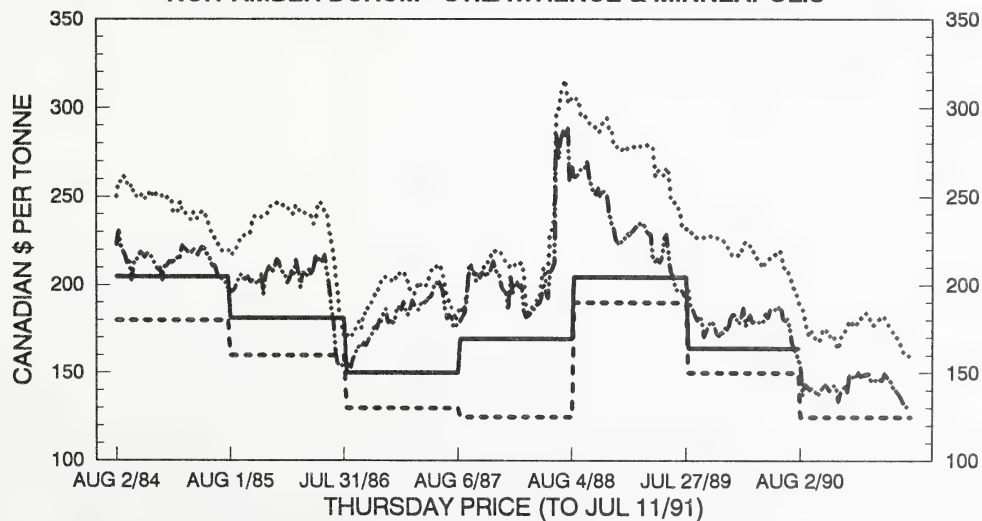
1986-1990 MONTHLY AVERAGES



NOTE: BASIS IS FRIDAY'S FUTURES CLOSE LESS CASH CLOSE

CWB ASKING PRICES AND POOL PAYMENTS

NO.1 AMBER DURUM - ST.LAWRENCE & MINNEAPOLIS



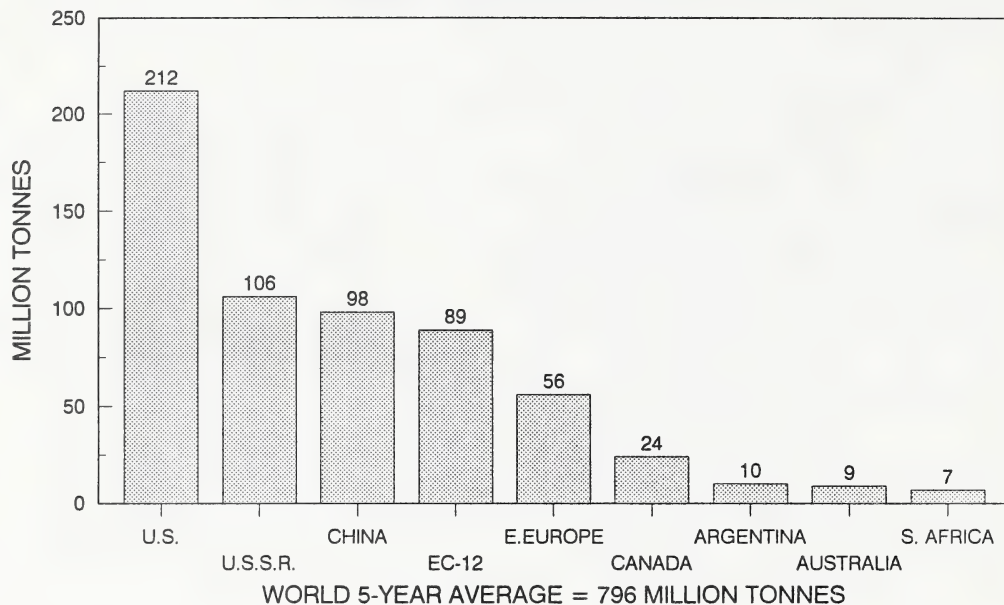
#1 AMBER DURUM - ST. LAWRENCE

MINNEAPOLIS #1 HAD (MILLING)

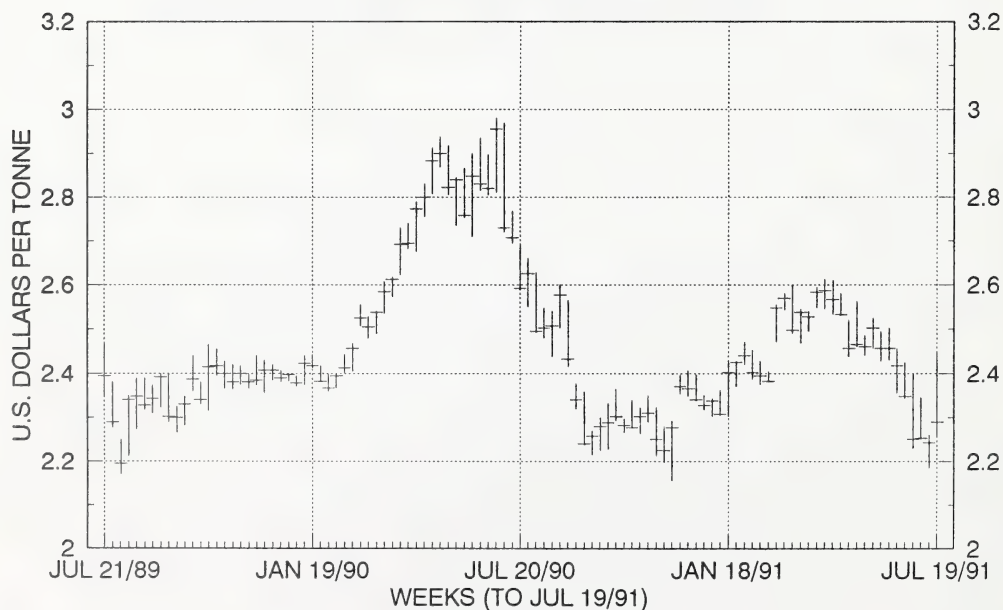
CWB TOTAL PAYMENT - VAN/T.BAY

CWB INITIAL + ADJUST. - VAN/T.BAY

WORLD COARSE GRAIN PRODUCTION BY COUNTRY 1987-91 5-YEAR AVERAGES

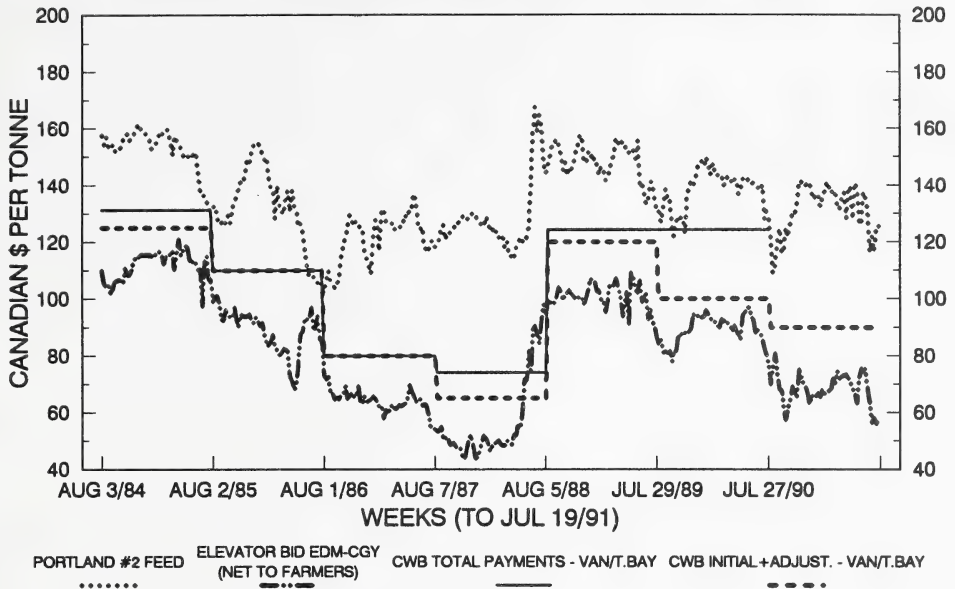


C.B.O.T. CORN NEARBY FUTURES

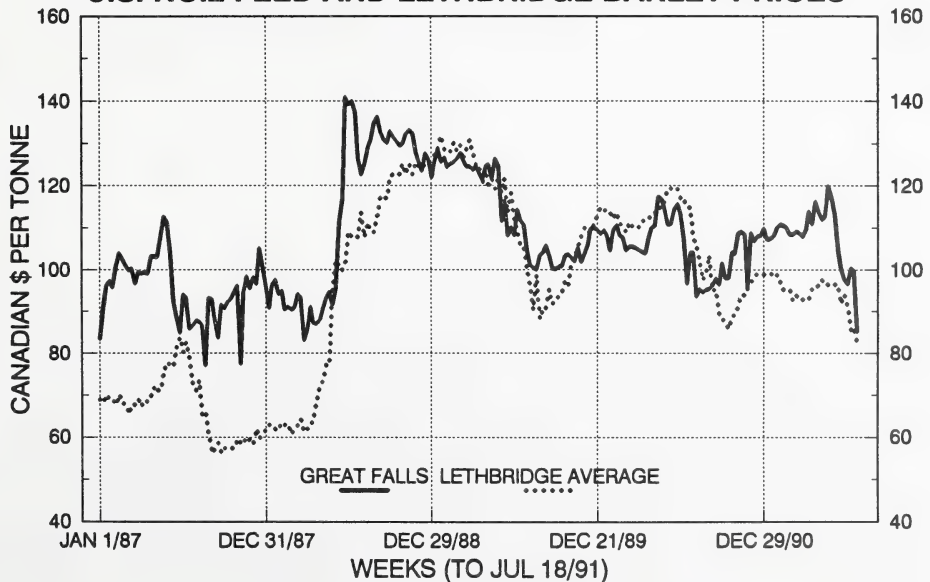


NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

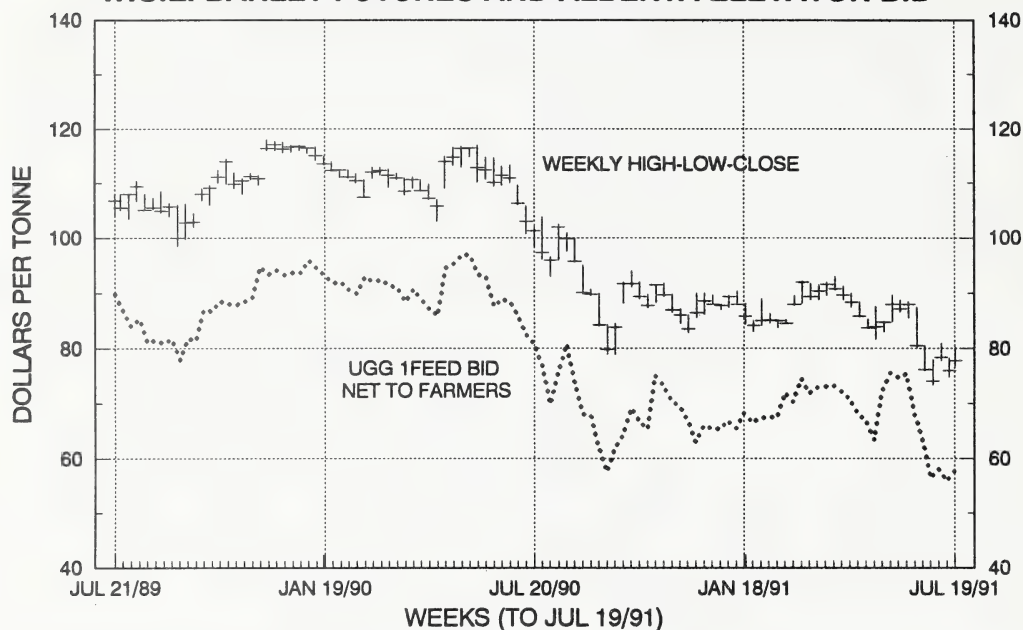
ALBERTA AND PORTLAND BARLEY PRICES & C.W.B. PAYMENTS FOR NO.1 FEED BARLEY



U.S. NO.2 FEED AND LETHBRIDGE BARLEY PRICES

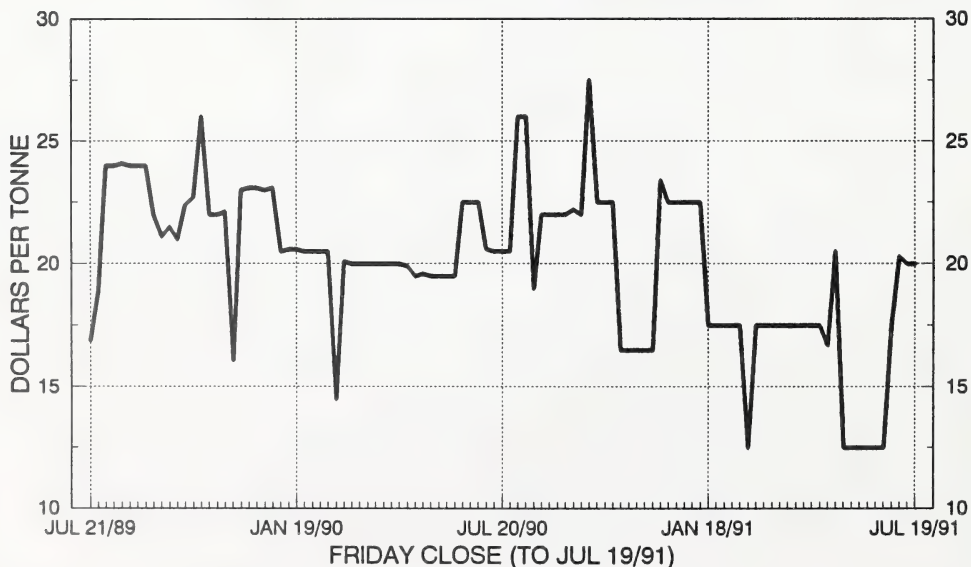


W.C.E. BARLEY FUTURES AND ALBERTA ELEVATOR BID



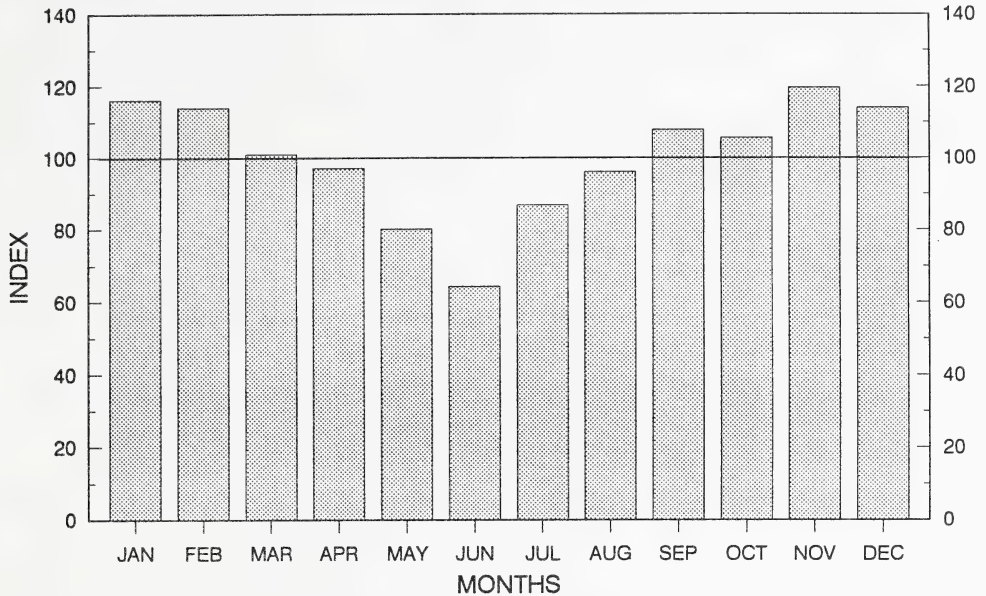
NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

ALBERTA ELEVATOR BASIS FOR NO.1 FEED BARLEY NEARBY FUTURES CLOSE LESS ELEVATOR BID



SEASONALITY OF BARLEY BASIS LEVELS

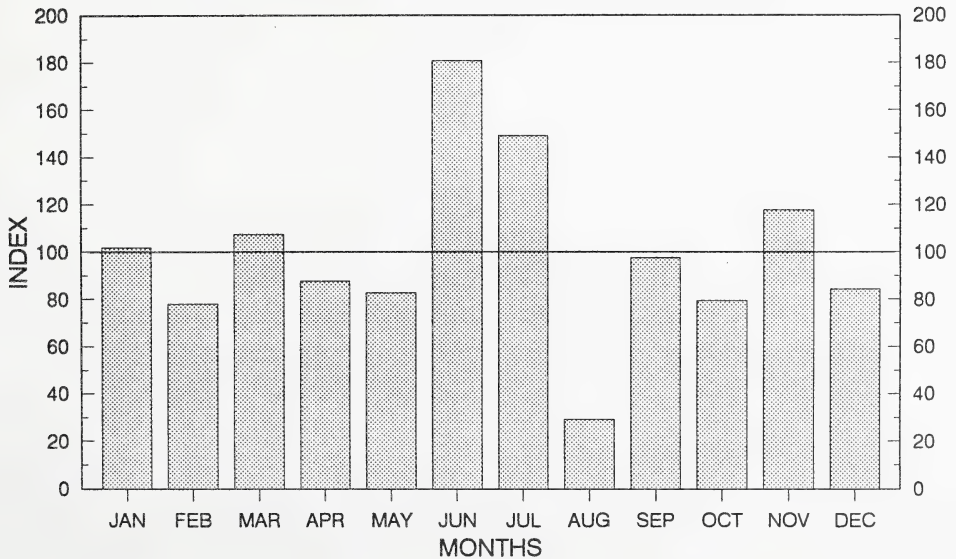
1986-1990 MONTHLY AVERAGES



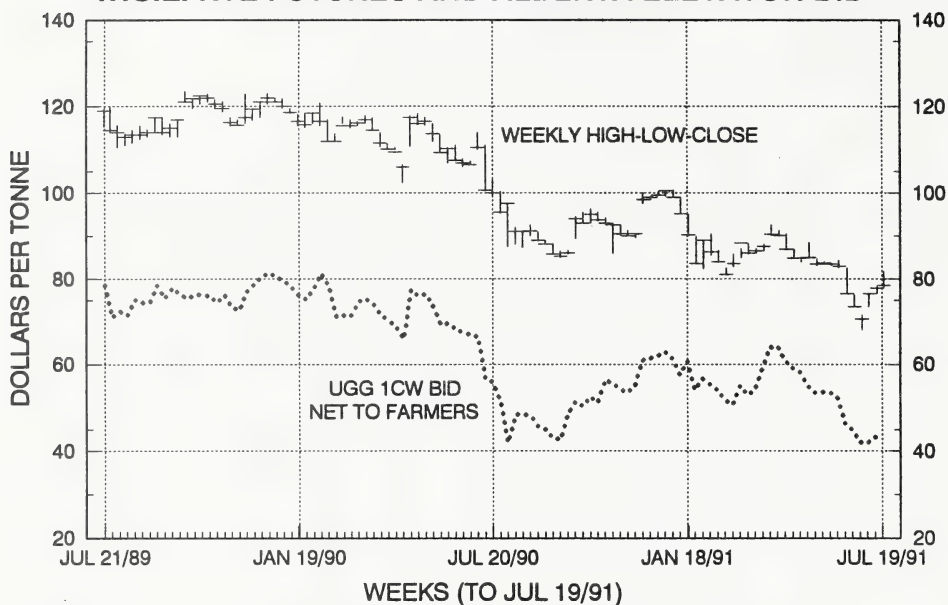
NOTE: BASIS IS FRIDAY'S FUTURES CLOSE LESS CASH CLOSE

SEASONALITY OF BARLEY FARM DELIVERIES

WESTERN CANADA, 1986-90 MONTHLY AVERAGES

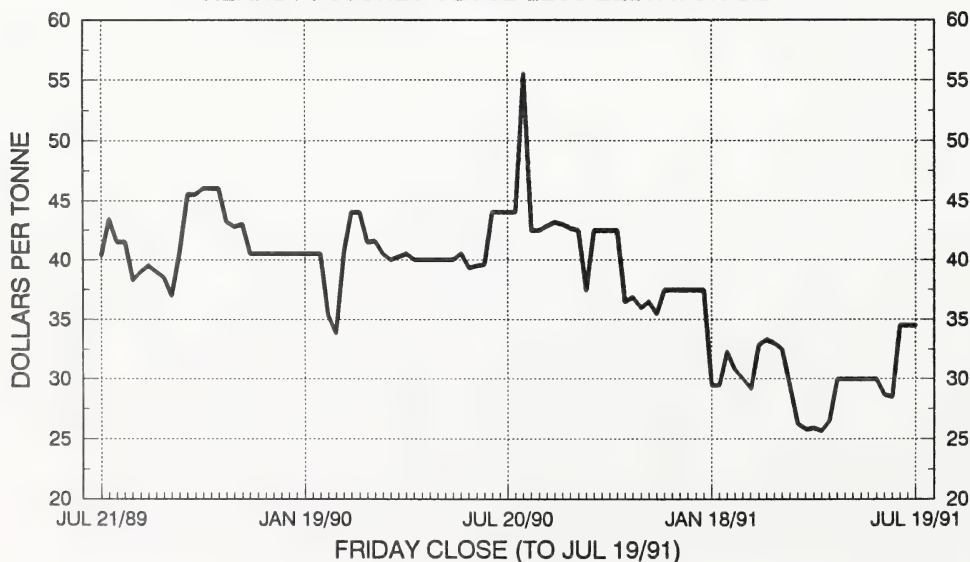


W.C.E. RYE FUTURES AND ALBERTA ELEVATOR BID

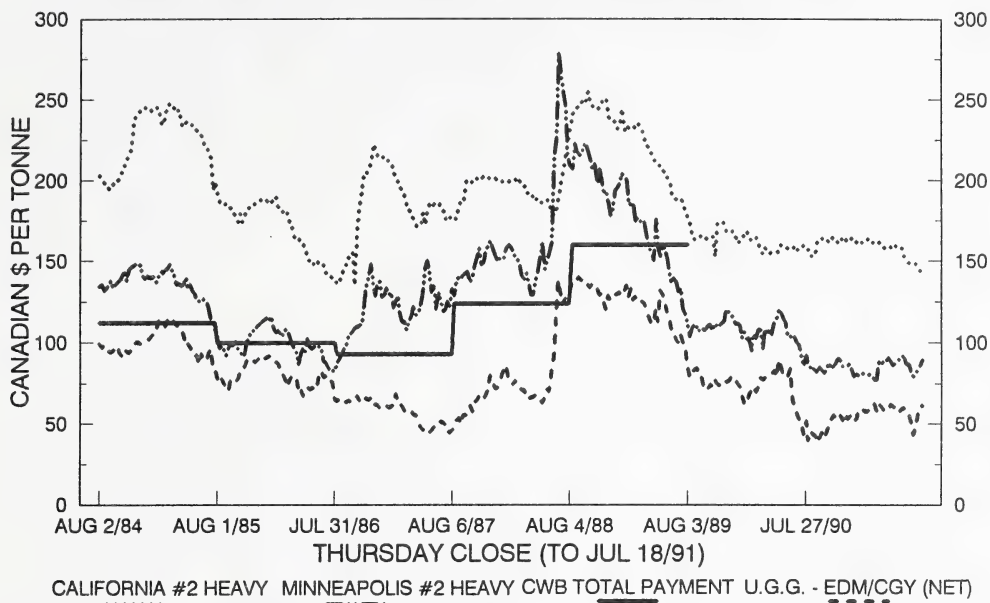


NOTE: HIGH AND LOW OF THE NEARBY FUTURES OF THE WEEK AND FRIDAY'S CLOSE

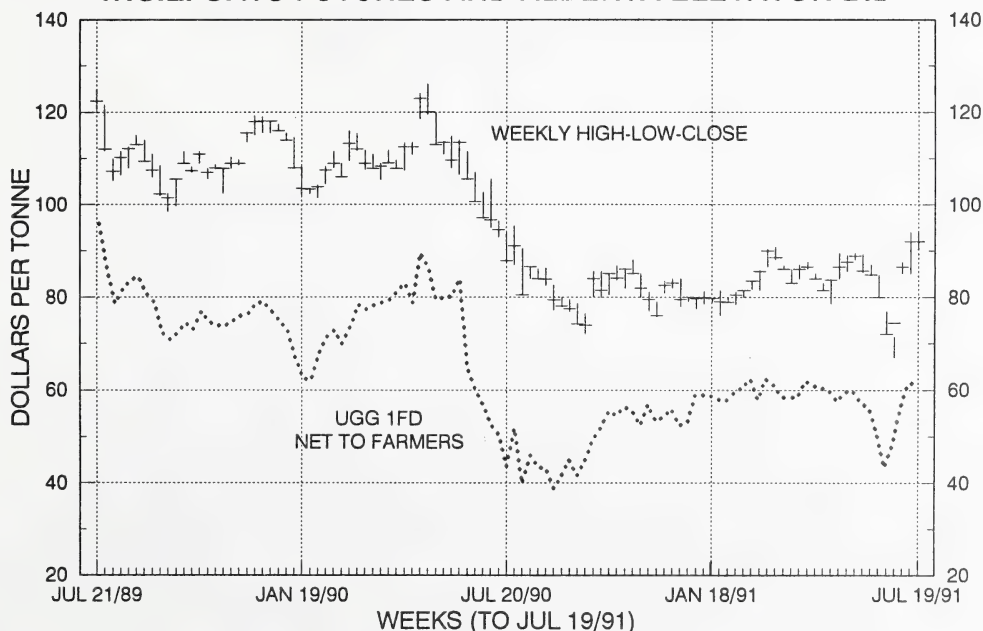
ALBERTA ELEVATOR BASIS FOR NO.1 CW RYE NEARBY FUTURES CLOSE LESS ELEVATOR BID



C.W.B. NO.1 C.W. OATS POOL PAYMENTS AND U.S. & ALBERTA ELEVATOR BID PRICES

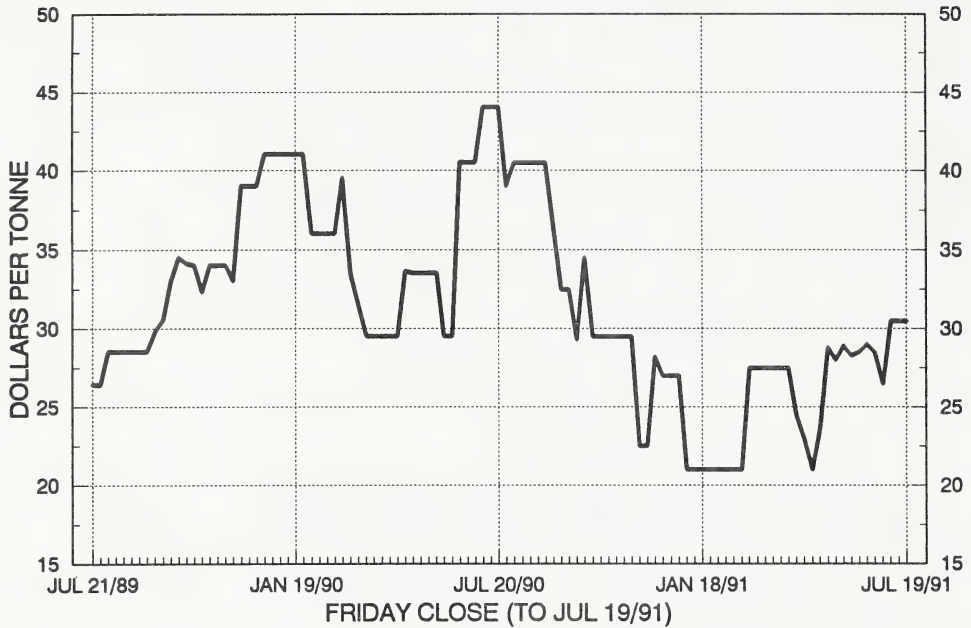


W.C.E. OATS FUTURES AND ALBERTA ELEVATOR BID

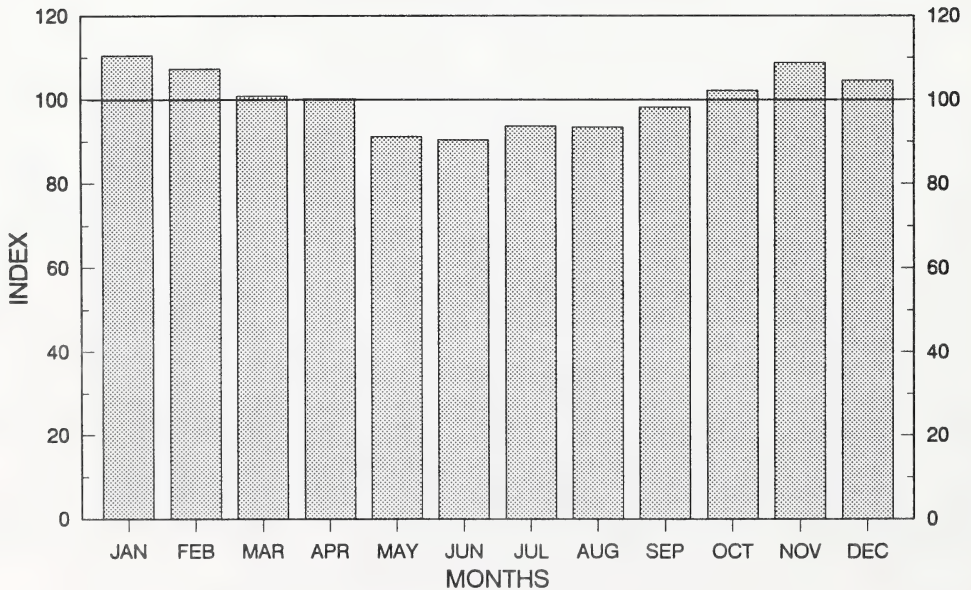


NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

ALBERTA ELEVATOR BASIS FOR NO.1 FEED OATS **NEARBY FUTURES CLOSE LESS ELEVATOR BID**

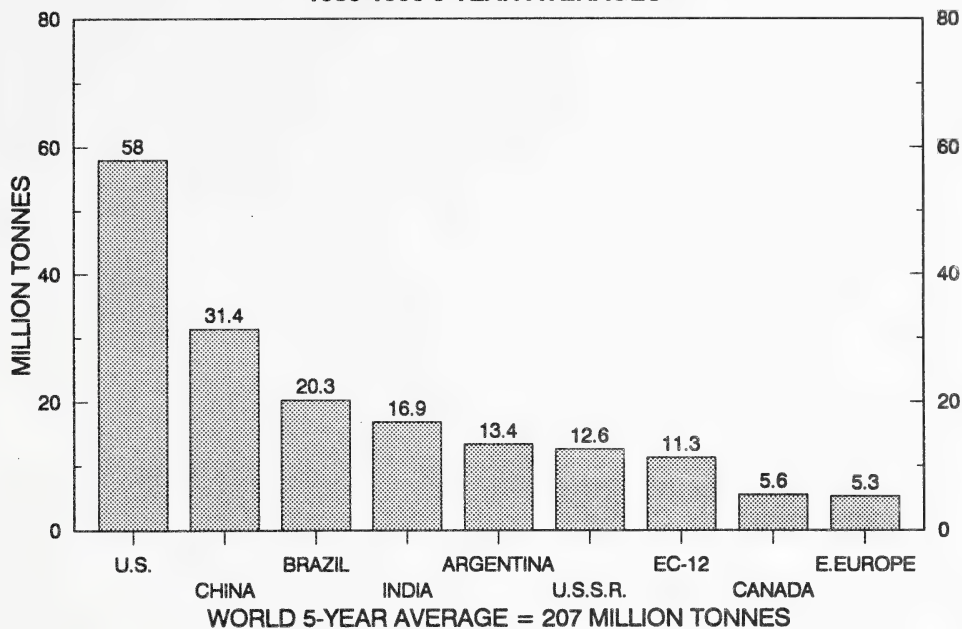


SEASONALITY OF OATS BASIS LEVELS **1986-1990 MONTHLY AVERAGES**



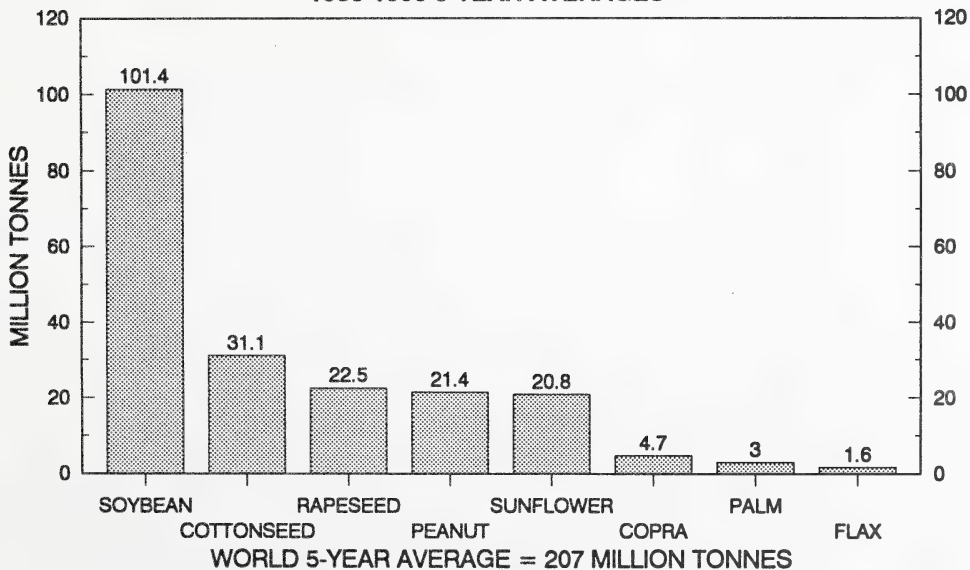
WORLD OILSEED PRODUCTION BY COUNTRY

1986-1990 5-YEAR AVERAGES



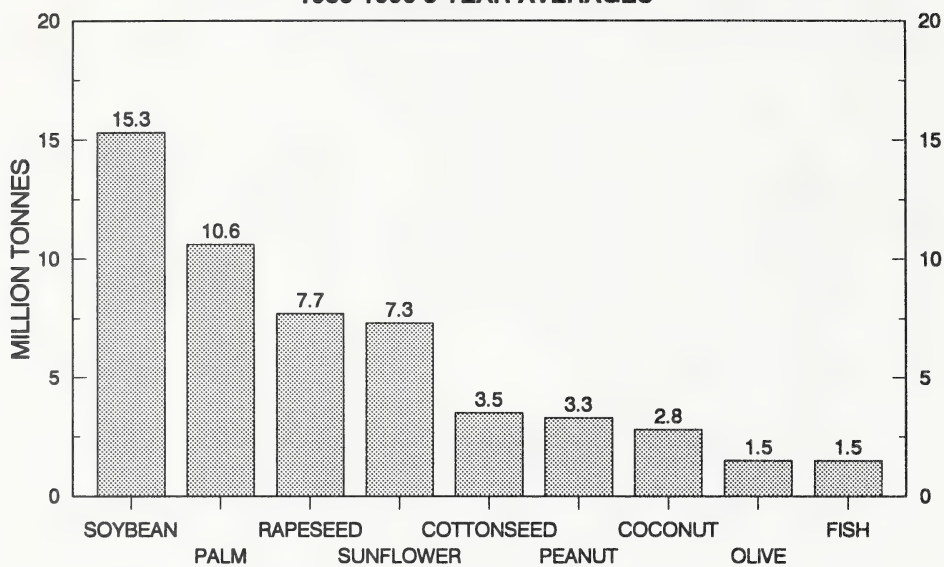
WORLD OILSEED PRODUCTION BY TYPE

1986-1990 5-YEAR AVERAGES



WORLD VEGETABLE OIL PRODUCTION BY TYPE

1986-1990 5-YEAR AVERAGES

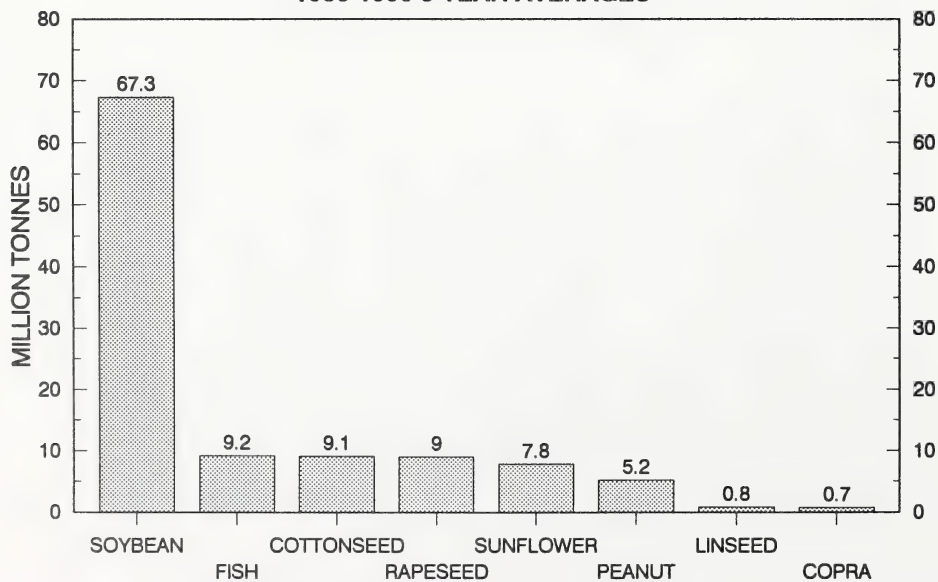


WORLD 5-YEAR AVERAGE = 54 MILLION TONNES

* Palm is Palm + Palm Kernel oil

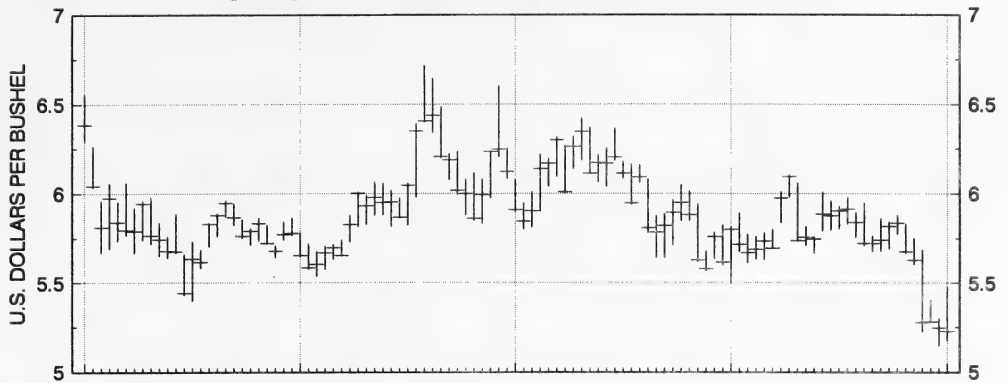
WORLD PROTEIN MEAL (44 %) PRODUCTION

1986-1990 5-YEAR AVERAGES

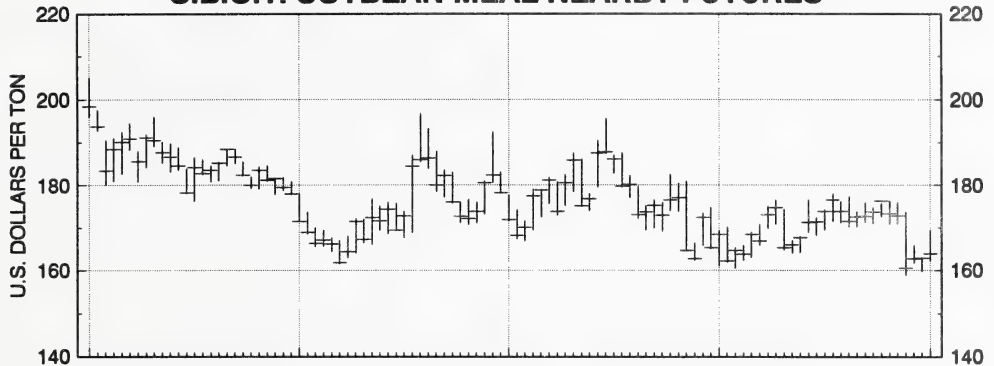


WORLD 5-YEAR AVERAGE = 110 MILLION TONNES

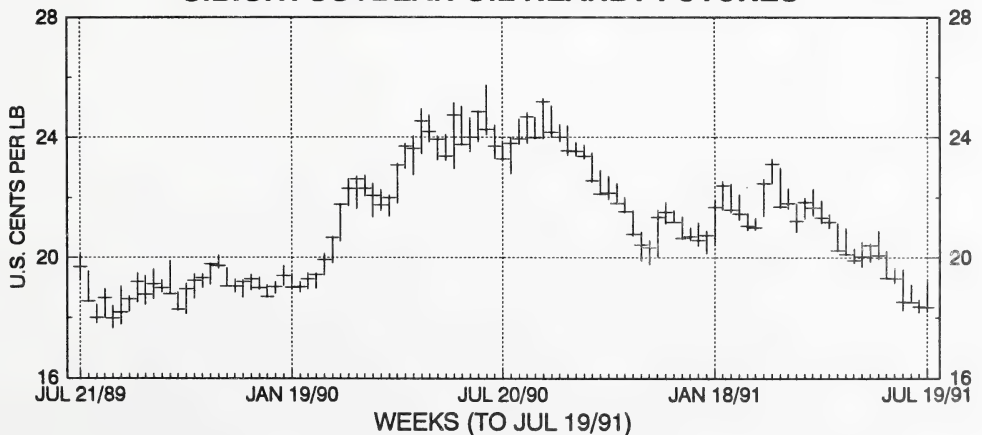
C.B.O.T. SOYBEAN NEARBY FUTURES



C.B.O.T. SOYBEAN MEAL NEARBY FUTURES

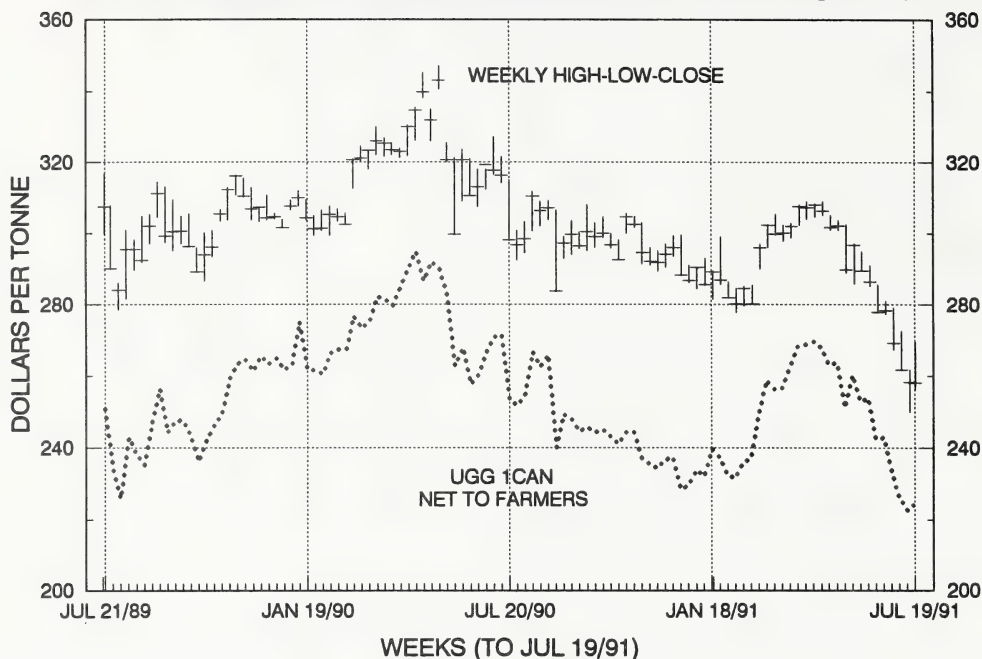


C.B.O.T. SOYBEAN OIL NEARBY FUTURES



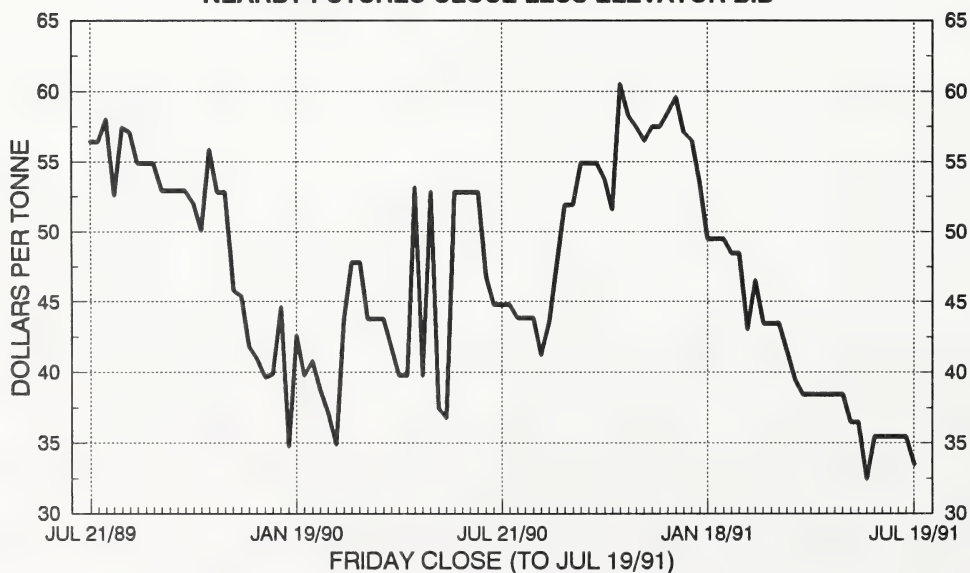
NOTE: WEEKLY HIGH-LOW-CLOSE ARE HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

W.C.E. CANOLA FUTURES AND ALBERTA ELEVATOR BID



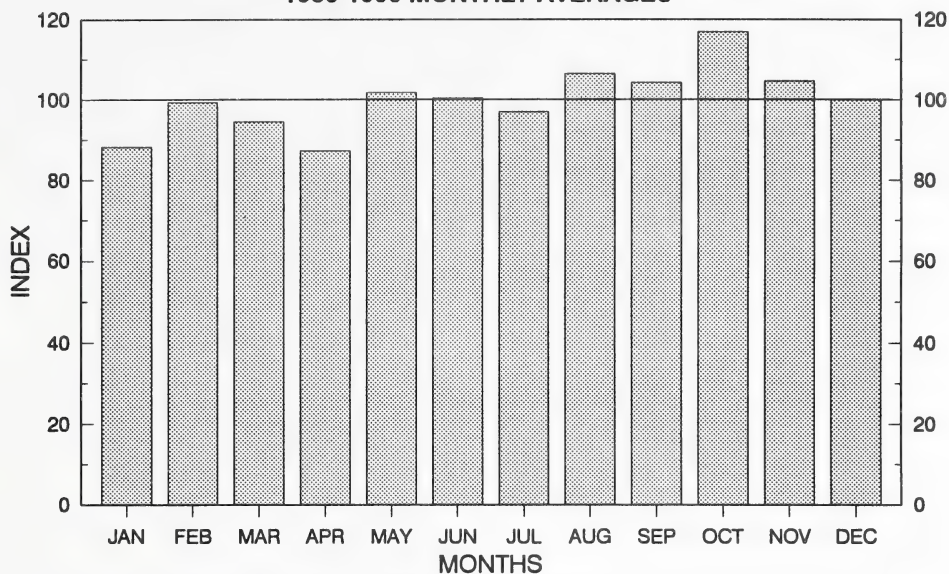
NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

ALBERTA ELEVATOR BASIS FOR NO.1 CANADA CANOLA NEARBY FUTURES CLOSE LESS ELEVATOR BID



SEASONALITY OF CANOLA BASIS LEVELS

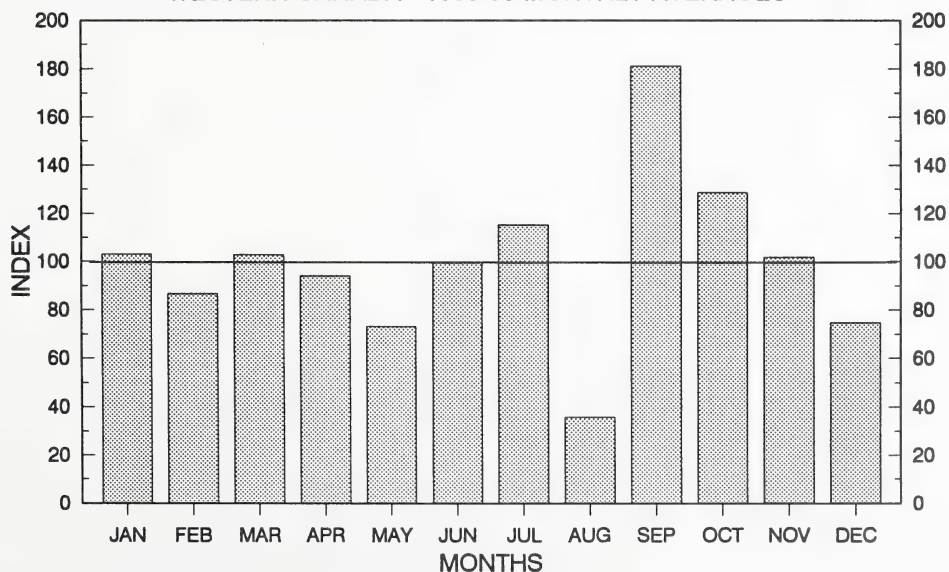
1986-1990 MONTHLY AVERAGES



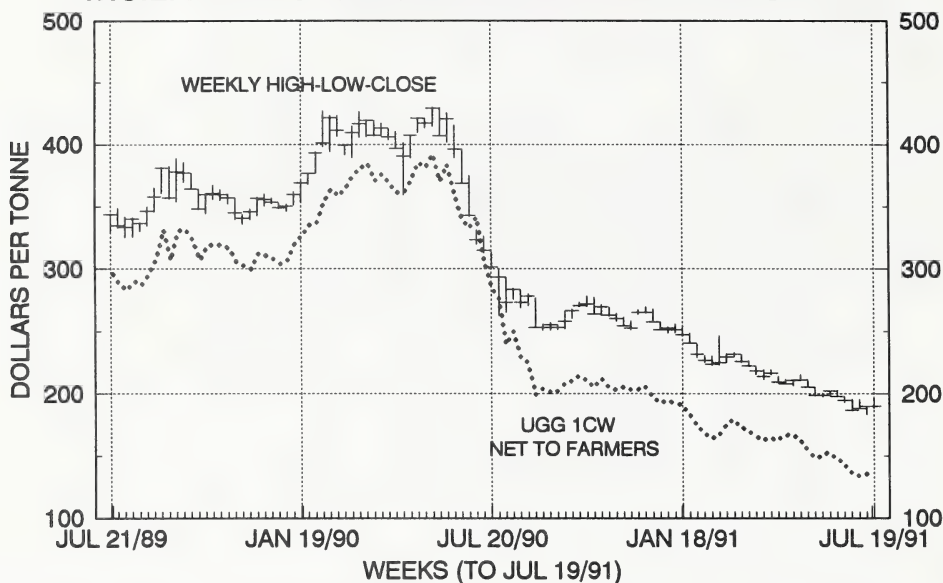
NOTE: BASIS IS FRIDAY'S FUTURES CLOSE LESS CASH CLOSE

SEASONALITY OF CANOLA FARM DELIVERIES

WESTERN CANADA - 1986-90 MONTHLY AVERAGES

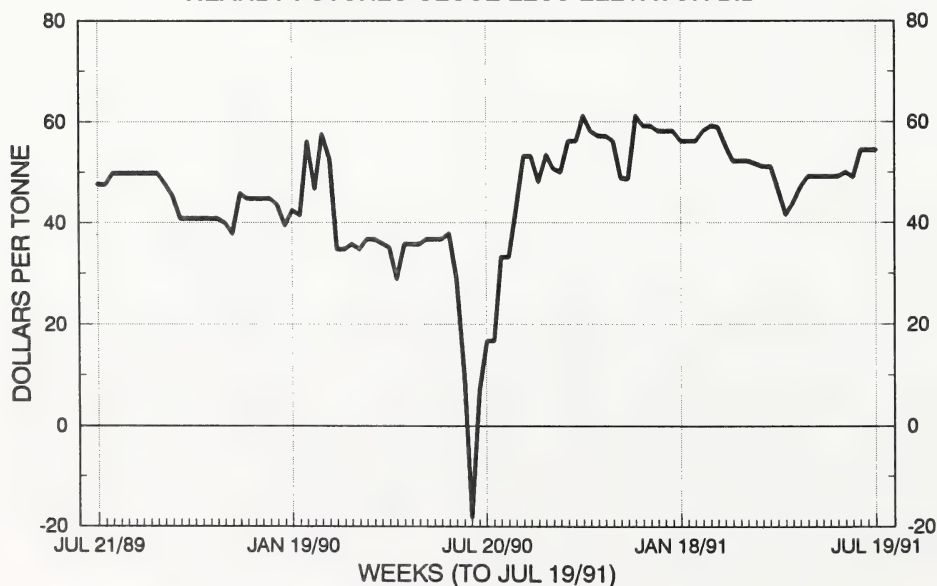


W.C.E. FLAX FUTURES AND ALBERTA ELEVATOR BID

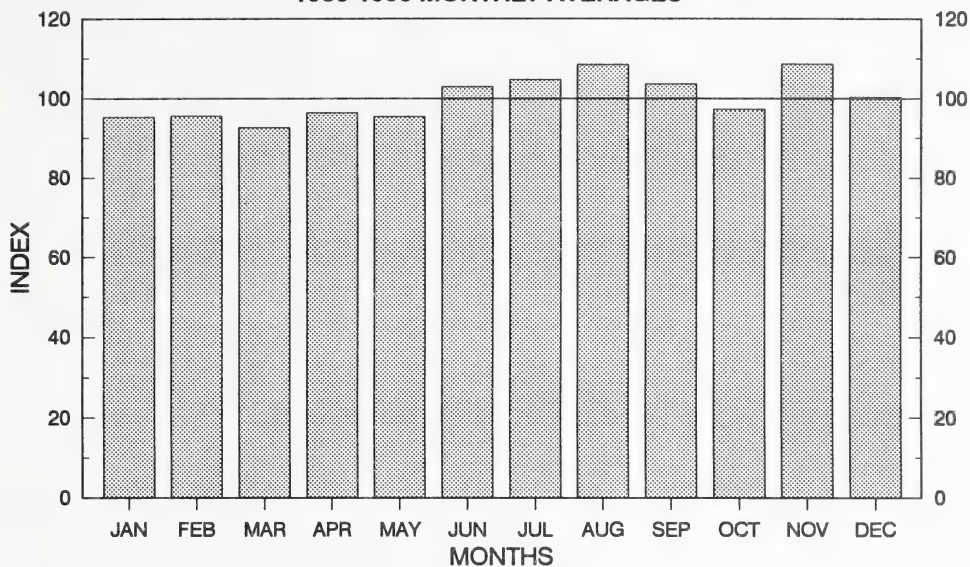


NOTE: HIGH AND LOW OF THE NEARBY FUTURES FOR THE WEEK AND FRIDAY'S CLOSE

ALBERTA ELEVATOR BASIS FOR NO.1 CW FLAX NEARBY FUTURES CLOSE LESS ELEVATOR BID

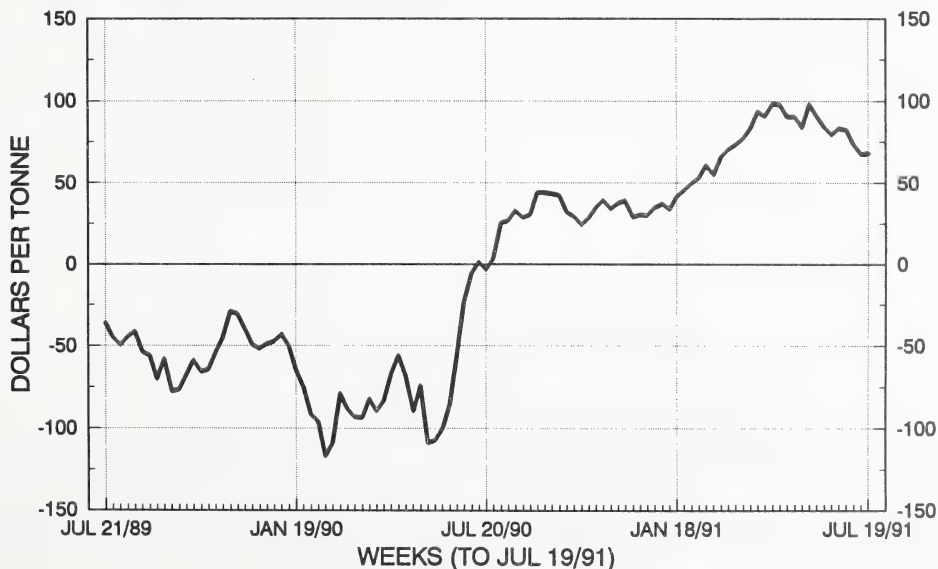


SEASONALITY OF FLAX BASIS LEVELS 1986-1990 MONTHLY AVERAGES



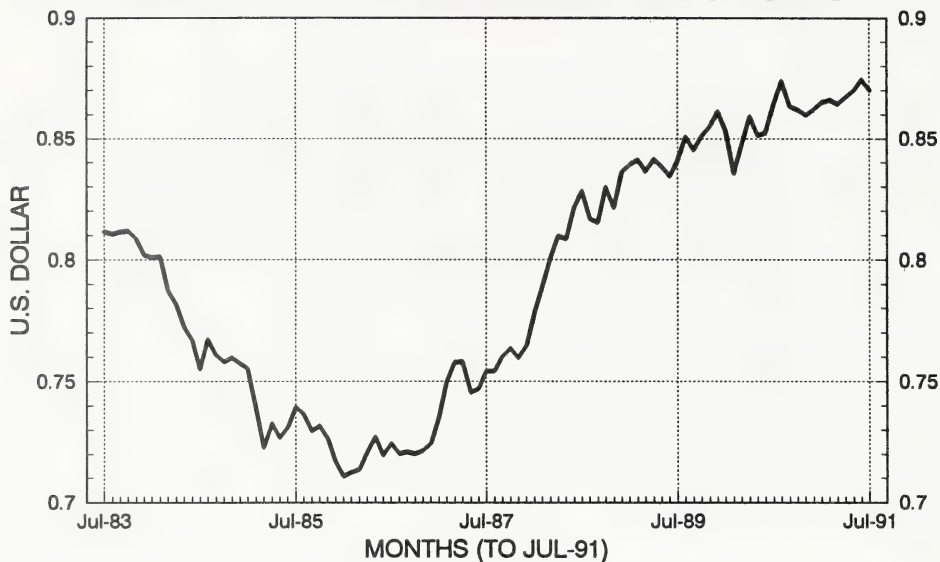
NOTE: BASIS IS FRIDAY FUTURES CLOSE LESS CASH CLOSE

WCE CANOLA-FLAX NEARBY FUTURES CONTRACT SPREAD

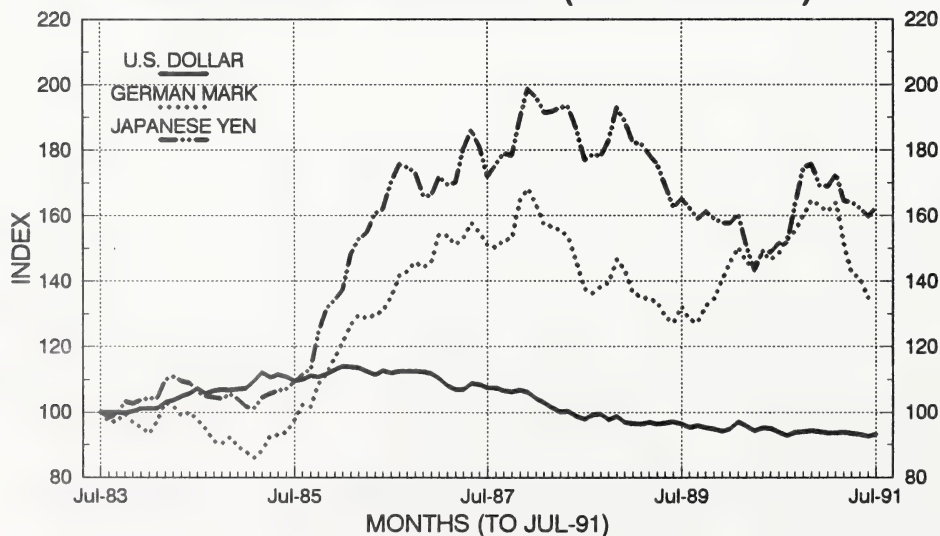


NOTE: SPREAD IS FOR FRIDAY'S FUTURES CLOSE

VALUE OF THE CANADIAN DOLLAR IN U.S. FUNDS



CANADIAN DOLLAR RELATIVE TO THE U.S., GERMAN AND JAPANESE CURRENCY (JULY 1983=100)



CANADIAN PRIME INTEREST RATE

